



SOLUTION MAGICAL MATHS

3

1.

Revision

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Write the numbers and number names.

1. 236 = Two hundred thirty six.
2. 521 = Five hundred twenty one.
3. 910 = Nine hundred ten.
4. 359 = Three hundred fifty nine.
5. 725 = Seven hundred twenty five.

Find the missing numbers.

501	502	503	504	505	506	507	508	509	510
511	512	513	514	515	516	517	518	519	520
531	532	533	534	535	536	537	538	539	540
541	542	543	544	545	546	547	548	549	550

Write all odd numbers between 10 and 50.

11,	13,	15,	17,	19,	21,	23,	25,	27,	29,
31,	33,	35,	37,	39,	41,	43,	45,	47,	49

Write all even numbers between 50 and 90.

52,	54,	56,	58,	60,	62,	64,	66,	68,	70,
72,	74,	76,	78,	80,	82,	84,	86,	88	

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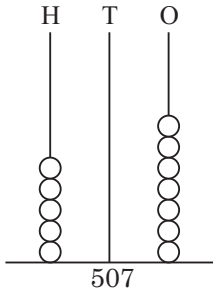
Complete the following.

1. 566 = 5 hundreds + 6 tens + 6 ones
2. 378 = 3 hundreds + 7 tens + 8 ones

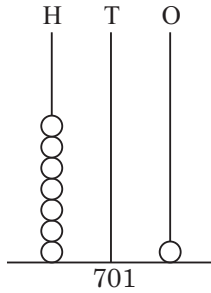
- 3. $419 = 4 \text{ hundreds} + 1 \text{ tens} + 9 \text{ ones}$
- 4. $820 = 8 \text{ hundreds} + 2 \text{ tens} + 0 \text{ ones}$
- 5. $908 = 9 \text{ hundreds} + 0 \text{ tens} + 8 \text{ ones}$.

Draw beads on the abacus to show the the number indicated.

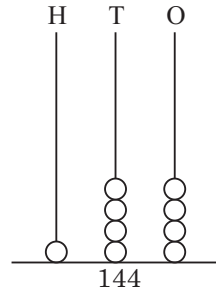
1.



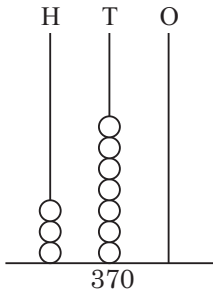
2.



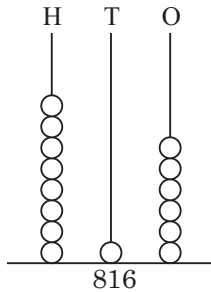
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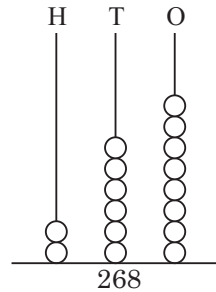
4.



5.



6.



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Complete the following.

- 1. 627
- 2. 842
- 3. 284
- 4. 539
- 5. 965

Write in expanded form.

- 1. $500 + 10 + 2$
- 2. $600 + 70 + 8$
- 3. $300 + 70 + 2$
- 4. $900 + 80 + 8$
- 5. $100 + 10 + 2$

Write in numerals in ascending order.

148, 207, 289, 388, 418, 702, 838, 928

Write in descending order :

861, 761, 671, 631, 613, 312, 213, 163

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Circle the smallest number :

- 1. 166
- 2. 578
- 3. 245

Circle the greatest number.

- 1. 985
- 2. 643
- 3. 961

What comes :

Before	In between	After
102	253	715
558	788	123
786	990	360

Fill in the blanks with >, < or = sign.

195 > 129, 359 = 359, 116 < 616, 632 > 362, 112 < 211, 105 = 105, 853 > 752, 245 < 345, 718 > 178.

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Aded the following.

$82 + 3 = 85$

$21 + 5 = 26$

$19 + 8 = 27$

$75 + 3 = 78$

$85 + 6 = 91$

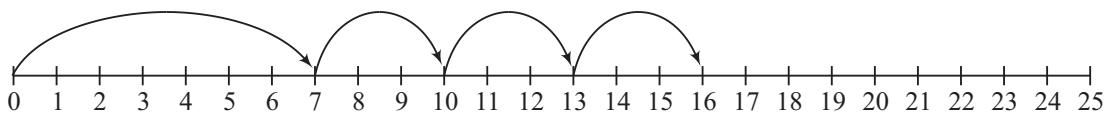
$32 + 6 = 38$

$39 + 2 = 41$

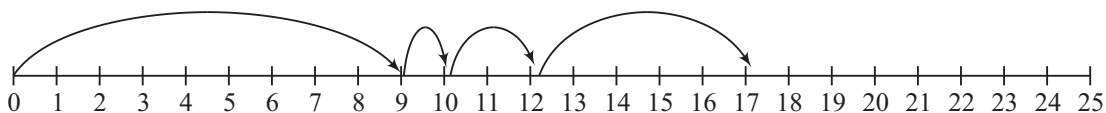
$78 + 3 = 81$

$89 + 1 = 90$

Add the following on number line.



$7 + 3 + 3 + 3 = 16 \text{ Ans.}$



$9 + 1 + 2 + 5 = 17 \text{ Ans.}$

Add the following.

T O

3 5

T O

7 2

T O

8 8

T O

7 6

Subtract the following.

43

28

25

62

52

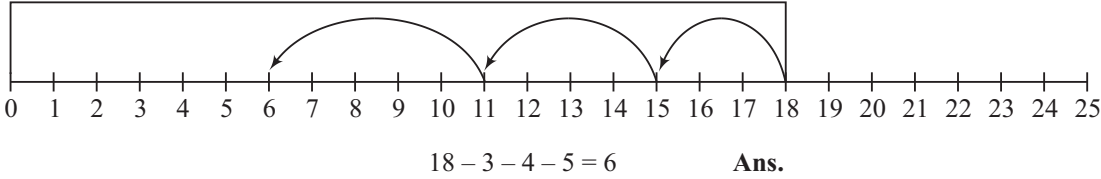
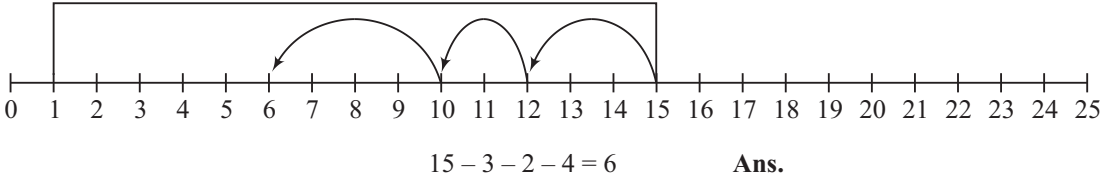
71

35

47

39

Add the following on number line :



Subtract the following :

$$\begin{array}{r} \text{T O} \\ 87 \\ -35 \\ \hline 52 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 78 \\ -53 \\ \hline 25 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 45 \\ -22 \\ \hline 23 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 39 \\ -15 \\ \hline 24 \end{array}$$

Multiply the following :

$$\begin{array}{r} \text{T O} \\ 36 \\ \times 3 \\ \hline 108 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 24 \\ \times 4 \\ \hline 96 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 26 \\ \times 3 \\ \hline 78 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 33 \\ \times 5 \\ \hline 165 \end{array}$$

$$\begin{array}{r} \text{T O} \\ 45 \\ \times 2 \\ \hline 90 \end{array}$$

Divide the following :

$$\begin{array}{l} 6 \div 2 = 3 \\ 24 \div 4 = 6 \\ 27 \div 9 = 3 \end{array}$$

$$\begin{array}{l} 15 \div 3 = 5 \\ 20 \div 5 = 4 \\ 14 \div 7 = 2 \end{array}$$

$$\begin{array}{l} 9 \div 3 = 3 \\ 10 \div 5 = 2 \\ 16 \div 4 = 4 \end{array}$$

Divide the following :

$$\begin{array}{r} 5 \overline{) 35} \left(7 \\ \underline{35} \\ \times \end{array}$$

$$\begin{array}{r} 8 \overline{) 24} \left(3 \\ \underline{24} \\ \times \end{array}$$

$$\begin{array}{r} 4 \overline{) 32} \left(8 \\ \underline{32} \\ \times \end{array}$$

$$\begin{array}{r} 9 \overline{) 63} \left(7 \\ \underline{63} \\ \times \end{array}$$

Identify the shapes of the same colour that when combined together makes a half.
Fill the colour and do yourself.

Fill in the blanks :

1. 1 two thousand rupee note = 4 five hundred rupee notes.
2. 1 two hundred rupee note = 4 fifty rupee notes.

Add the following :

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 25 \quad 25 \\ + 14 \quad 34 \\ \hline 39 \quad 59 \end{array}$$

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 54 \quad 70 \\ + 30 \quad 29 \\ \hline 84 \quad 99 \end{array}$$

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 50 \quad 15 \\ + 48 \quad 72 \\ \hline 98 \quad 87 \end{array}$$

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 29 \quad 15 \\ + 50 \quad 62 \\ \hline 79 \quad 77 \end{array}$$

Observe the time shown on each of the following clock faces carefully and then fill in the boxes :

6 o' clock

9 o' clock

8 o' clock

4 o' clock

7 o' clock

Draw the hand to show the correct time :

Do yourself :

Answer the following :

1. Monday
3. Seven days

2. Twenty eight
4. 15 August

Read the measurement and write how long are the following things :

(i) Pencil = 2 cm

(ii) Candy = 3 cm

(iii) Kitkat = 4 cm

(iv) Comb = 8 cm

Add the following :

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 4 \quad 210 \\ + 3 \quad 120 \\ \hline 7 \quad 330 \end{array}$$

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 2 \quad 700 \\ + 4 \quad 150 \\ \hline 6 \quad 850 \end{array}$$

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 88 \quad 205 \\ + 43 \quad 202 \\ \hline 131 \quad 407 \end{array}$$

$$\begin{array}{r} \text{kg} \quad \text{g} \\ 71 \quad 207 \\ + 33 \quad 102 \\ \hline 104 \quad 309 \end{array}$$

Choose the correct units to measure the capacity of these containers (l or ml) :

1. Cup = ml
3. Bucket = l
5. Pepsi = ml

2. Inkpot = ml
4. Bottle = ml
6. Saffola = l

Identify the following solids and write their names :

- | | | |
|-------------|----------------|---------|
| 1. Sphere | 2. Cube | 3. Cone |
| 4. Cylinder | 5. Rectangular | 6. Cone |
| 7. Cube | 8. Oval | |

Study the pattern and complete it.

1. $3 + 4 + \dots^5 \dots + 6 + 7 = \boxed{25}$

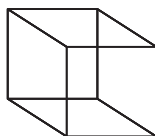
2. $2 + \dots^3 \dots + 4 + 5 + 6 = \boxed{20}$

Look the patterns. Draw the missing figure :

1.



2.



3.



2.

Numbers and Numeration

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Read the abacus and write the numeral.

9336	9343	6041	6424
9141	10843	4639	9999
5535	9435	7534	
9777	8785	9797	

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Write the expanded form of the following :

- (a) $2315 = 2000 + 300 + 10 + 5$ (b) $7621 = 7000 + 600 + 20 + 1$
(c) $2120 = 2000 + 100 + 20 + 0$ (d) $8000 = 8000 + 0 + 0 + 0$
(e) $7651 = 7000 + 600 + 50 + 1$

Write the following in short (compact) form :

- (a) $7000 + 600 + 70 + 3 = 7673$ (b) $9000 + 0 + 0 + 0 = 9000$
(c) $6000 + 700 + 80 + 9 = 6789$ (d) $3000 + 0 + 60 + 2 = 3062$
(e) $2000 + 300 + 0 + 0 = 2300$

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Write the place value of the following :

- (a) 800 (b) 900 (c) 5000 (d) 7 (e) 60
(f) 40 (g) 700 (h) 1000 (i) 50 (j) 80
(k) 000 (l) 4000

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Arrange the following in ascending order :

- (a) 968, 1311, 1328, 2569, 2876 (b) 2131, 2875, 3286, 3826, 4321
(c) 4388, 6898, 7654, 8763, 9231 (d) 1858, 2598, 5099, 6123, 7073

Arrange the following in Descending order :

- (a) 9823, 8763, 6621, 4321, 2387 (b) 6872, 6423, 5986, 5479, 3947
(c) 6865, 4538, 4321, 3764, 2315

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Write the successor of the following numbers :

1. 911 2. 792 3. 4899 4. 6220 5. 4446
6. 5101 7. 1407 8. 5465 9. 70

Write the predecessor of the following numbers :

1. 58 2. 619 3. 9290 4. 7606 5. 5433
6. 6639 7. 3535 8. 2607 9. 4832

Write 4 successors and predecessors of the following numbers :

1. 4522 4523 4524 4525 **4526** 4527 4528 4329 4530
2. 6794 6795 6796 6797 **6798** 6799 6800 6801 6802
3. 7817 7818 7819 7820 **7821** 7822 7823 7824 7825

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Write 'O' for odd and 'E' for even numbers.

- | | | | | |
|------|------|------|------|------|
| 1. O | 2. E | 3. E | 4. E | 5. E |
| 6. O | 7. O | 8. O | 9. E | |

Write the odd number just after.

- | | | | | |
|---------|---------|---------|---------|---------|
| 1. 7017 | 2. 6145 | 3. 1243 | 4. 5219 | 5. 9121 |
| 6. 7691 | 7. 423 | 8. 367 | 9. 255 | |

Write the even number just after.

- | | | | | |
|---------|---------|---------|---------|---------|
| 1. 1360 | 2. 7026 | 3. 2164 | 4. 1532 | 5. 3302 |
| 6. 598 | 7. 954 | 8. 256 | 9. 2000 | |

3.

Addition

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$$\begin{array}{r} \text{H T O} \\ 7\ 2\ 2 \\ + 1\ 5\ 7 \\ \hline 8\ 7\ 9 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 4\ 0\ 2 \\ + 5\ 0\ 1 \\ \hline 9\ 0\ 3 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 8\ 0\ 0 \\ + 1\ 0\ 0 \\ \hline 9\ 0\ 0 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 4\ 5\ 2 \\ + 2\ 1\ 2 \\ \hline 6\ 6\ 4 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 5\ 9\ 9 \\ + 3\ 0\ 0 \\ \hline 8\ 9\ 9 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 6\ 5\ 6 \\ + 2\ 3\ 2 \\ \hline 8\ 8\ 8 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 5\ 3\ 0 \\ + 2\ 3\ 8 \\ \hline 7\ 6\ 8 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 8\ 0\ 0 \\ + 1\ 9\ 9 \\ \hline 9\ 9\ 9 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 2\ 2\ 0 \\ 3\ 0\ 3 \\ + 2\ 2\ 0 \\ \hline 7\ 4\ 3 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 1\ 2\ 3 \\ 7\ 2\ 0 \\ + 1\ 0\ 6 \\ \hline 9\ 4\ 9 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 7\ 0\ 0 \\ 1\ 0\ 2 \\ + 1\ 2\ 3 \\ \hline 9\ 2\ 5 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 5\ 0\ 6 \\ 2\ 0\ 1 \\ + 1\ 9\ 1 \\ \hline 8\ 9\ 8 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 1\ 0\ 0 \\ 4\ 0\ 0 \\ + 2\ 0\ 0 \\ \hline 7\ 0\ 0 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 2\ 0\ 5 \\ 2\ 0\ 2 \\ + 2\ 0\ 1 \\ \hline 6\ 0\ 8 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 5\ 6\ 0 \\ 2\ 1\ 6 \\ + 1\ 2\ 3 \\ \hline 8\ 9\ 9 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 8\ 0\ 8 \\ 1\ 0\ 1 \\ + 1\ 0\ 1 \\ \hline 1\ 0\ 1\ 0 \end{array}$$

Add the following :

$$\begin{array}{r} \text{Th H T O} \\ 1\ 2\ 9\ 1 \\ +\ 7\ 4\ 0\ 7 \\ \hline 8\ 6\ 9\ 8 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 3\ 4\ 5\ 2 \\ +\ 4\ 1\ 2\ 3 \\ \hline 7\ 5\ 7\ 5 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 2\ 1\ 1\ 1 \\ +\ 2\ 4\ 4\ 5 \\ \hline 4\ 5\ 5\ 6 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 3\ 4\ 2\ 0 \\ +\ 4\ 4\ 0\ 7 \\ \hline 7\ 8\ 2\ 7 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 4\ 9\ 1\ 5 \\ +\ 3\ 0\ 0\ 2 \\ \hline 7\ 9\ 1\ 7 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 6\ 2\ 1\ 4 \\ +\ 2\ 0\ 0\ 3 \\ \hline 8\ 2\ 1\ 7 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 3\ 4\ 0\ 0 \\ +\ 2\ 5\ 1\ 2 \\ \hline 5\ 9\ 1\ 2 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 2\ 1\ 3\ 4 \\ +\ 4\ 2\ 5\ 5 \\ \hline 6\ 3\ 8\ 9 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 1\ 2\ 0\ 1 \\ +\ 1\ 0\ 9\ 8 \\ \hline 2\ 2\ 9\ 9 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 2\ 1\ 1\ 3 \\ +\ 3\ 0\ 5\ 0 \\ \hline 5\ 1\ 6\ 3 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 1\ 1\ 3\ 0 \\ +\ 6\ 4\ 2\ 9 \\ \hline 7\ 5\ 5\ 9 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 5\ 4\ 3\ 3 \\ +\ 2\ 4\ 5\ 5 \\ \hline 7\ 8\ 8\ 8 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 5\ 2\ 3\ 4 \\ +\ 1\ 4\ 3\ 2 \\ \hline 6\ 6\ 6\ 6 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 7\ 2\ 5\ 6 \\ +\ 1\ 5\ 3\ 2 \\ \hline 8\ 7\ 8\ 8 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 6\ 4\ 3\ 5 \\ +\ 3\ 4\ 5\ 0 \\ \hline 9\ 8\ 8\ 5 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 6\ 4\ 2\ 9 \\ +\ 2\ 2\ 0\ 0 \\ \hline 8\ 6\ 2\ 9 \end{array}$$

Add the following :

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{0}\ \textcircled{1}\ \textcircled{1}\ \textcircled{0} \\ 6\ 3\ 4\ 8 \\ +\ 3\ 4\ 7\ 2 \\ \hline 9\ 8\ 2\ 0 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\ \textcircled{1}\ \textcircled{1}\ \textcircled{0} \\ 5\ 9\ 3\ 5 \\ +\ 1\ 5\ 8\ 6 \\ \hline 7\ 5\ 2\ 1 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\ \textcircled{0}\ \textcircled{1}\ \textcircled{0} \\ 3\ 6\ 4\ 8 \\ +\ 4\ 7\ 1\ 6 \\ \hline 8\ 3\ 6\ 4 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{0}\ \textcircled{1}\ \textcircled{1}\ \textcircled{0} \\ 5\ 0\ 8\ 7 \\ +\ 3\ 8\ 6\ 4 \\ \hline 8\ 9\ 5\ 1 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\ \textcircled{1}\ \textcircled{0}\ \textcircled{0} \\ 4\ 2\ 7\ 0 \\ +\ 2\ 8\ 9\ 9 \\ \hline 7\ 1\ 6\ 9 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\ \textcircled{1}\ \textcircled{1}\ \textcircled{0} \\ 6\ 7\ 3\ 8 \\ +\ 2\ 3\ 9\ 3 \\ \hline 9\ 1\ 3\ 1 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\ \textcircled{1}\ \textcircled{1}\ \textcircled{0} \\ 4\ 2\ 9\ 8 \\ +\ 2\ 7\ 6\ 8 \\ \hline 7\ 0\ 6\ 6 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\ \textcircled{1}\ \textcircled{1}\ \textcircled{0} \\ 5\ 4\ 3\ 6 \\ +\ 4\ 5\ 8\ 9 \\ \hline 1\ 0\ 0\ 2\ 5 \end{array}$$

$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{0} \\ 7\ 3\ 0\ 8 \\ + 2\ 4\ 9\ 9 \\ \hline 9\ 8\ 0\ 7 \end{array}$	$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{0} \\ 7\ 5\ 6\ 9 \\ + 7\ 8\ 7\ 7 \\ \hline 1\ 5\ 4\ 4\ 6 \end{array}$	$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{0} \\ 9\ 9\ 9\ 6 \\ + 6\ 6\ 6\ 6 \\ \hline 1\ 6\ 6\ 6\ 2 \end{array}$	$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{0} \\ 6\ 7\ 6\ 7 \\ + 7\ 6\ 7\ 6 \\ \hline 1\ 4\ 4\ 4\ 3 \end{array}$
$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{0} \\ 5\ 3\ 8\ 5 \\ + 2\ 7\ 6\ 5 \\ \hline 8\ 1\ 5\ 0 \end{array}$	$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{0}\textcircled{1}\textcircled{0} \\ 6\ 8\ 5\ 4 \\ + 3\ 4\ 3\ 6 \\ \hline 1\ 0\ 2\ 9\ 0 \end{array}$	$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{0} \\ 4\ 8\ 9\ 3 \\ + 5\ 1\ 2\ 7 \\ \hline 1\ 0\ 0\ 2\ 0 \end{array}$	$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{0}\textcircled{1}\textcircled{0} \\ 3\ 5\ 2\ 7 \\ + 3\ 7\ 5\ 7 \\ \hline 7\ 2\ 8\ 4 \end{array}$

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Add the following :

$\begin{array}{r} \text{Tth Th H T O} \\ 1\ 5\ 4\ 8\ 0 \\ + 8\ 2\ 0\ 1\ 9 \\ \hline 9\ 7\ 4\ 9\ 9 \end{array}$	$\begin{array}{r} \text{Tth Th H T O} \\ 3\ 1\ 6\ 1\ 0 \\ + 2\ 0\ 0\ 4\ 8 \\ \hline 5\ 1\ 6\ 5\ 8 \end{array}$	$\begin{array}{r} \text{Tth Th H T O} \\ 5\ 1\ 2\ 5\ 7 \\ + 3\ 7\ 4\ 0\ 0 \\ \hline 8\ 8\ 6\ 5\ 7 \end{array}$
$\begin{array}{r} \text{Tth Th H T O} \\ 8\ 0\ 0\ 9\ 0 \\ + 1\ 9\ 9\ 0\ 6 \\ \hline 9\ 9\ 9\ 9\ 6 \end{array}$	$\begin{array}{r} \text{Tth Th H T O} \\ 6\ 3\ 1\ 5\ 0 \\ + 2\ 6\ 0\ 3\ 2 \\ \hline 8\ 9\ 1\ 8\ 2 \end{array}$	$\begin{array}{r} \text{Tth Th H T O} \\ 8\ 0\ 7\ 6\ 5 \\ + 1\ 9\ 2\ 0\ 2 \\ \hline 9\ 9\ 9\ 6\ 7 \end{array}$
$\begin{array}{r} \text{Tth Th H T O} \\ 8\ 5\ 6\ 0\ 5 \\ + 1\ 2\ 0\ 4\ 0 \\ \hline 9\ 7\ 6\ 4\ 5 \end{array}$	$\begin{array}{r} \text{Tth Th H T O} \\ 6\ 5\ 0\ 0\ 0 \\ + 2\ 2\ 0\ 0\ 0 \\ \hline 8\ 7\ 0\ 0\ 0 \end{array}$	$\begin{array}{r} \text{Tth Th H T O} \\ 4\ 6\ 7\ 2\ 2 \\ + 4\ 0\ 0\ 5\ 7 \\ \hline 8\ 6\ 7\ 7\ 9 \end{array}$
$\begin{array}{r} \text{Tth Th H T O} \\ 5\ 0\ 8\ 6\ 2 \\ + 1\ 7\ 0\ 3\ 2 \\ \hline 6\ 7\ 8\ 9\ 4 \end{array}$	$\begin{array}{r} \text{Tth Th H T O} \\ 8\ 8\ 8\ 8\ 8 \\ + 1\ 1\ 1\ 1\ 1 \\ \hline 9\ 9\ 9\ 9\ 9 \end{array}$	$\begin{array}{r} \text{Tth Th H T O} \\ 5\ 5\ 7\ 5\ 0 \\ + 4\ 4\ 0\ 4\ 1 \\ \hline 9\ 9\ 7\ 9\ 1 \end{array}$
$\begin{array}{r} \text{Tth Th H T O} \\ 1\ 8\ 0\ 5\ 5 \\ + 1\ 0\ 8\ 2\ 1 \\ \hline 2\ 8\ 8\ 7\ 6 \end{array}$	$\begin{array}{r} \text{Tth Th H T O} \\ 2\ 0\ 0\ 7\ 6 \\ + 2\ 2\ 0\ 0\ 0 \\ \hline 4\ 2\ 0\ 7\ 6 \end{array}$	$\begin{array}{r} \text{Tth Th H T O} \\ 1\ 7\ 1\ 7\ 1 \\ + 7\ 1\ 7\ 1\ 7 \\ \hline 8\ 8\ 8\ 8\ 8 \end{array}$

Add the following :

	Tth	Th	H	T	O
	①	①	○	①	
	5	6	8	5	1
+	1	3	4	3	9
<hr/>					
	7	0	2	9	0

	Tth	Th	H	T	O
	○	①	①	①	
	7	2	8	8	4
+	1	2	6	4	7
<hr/>					
	8	5	5	3	1

	Tth	Th	H	T	O
	○	①	①	①	
	6	5	9	4	6
+	3	2	8	9	6
<hr/>					
	9	8	8	4	2

	Tth	Th	H	T	O
	①	①	①	①	
	8	4	9	8	8
+	7	8	0	4	5
<hr/>					
	1	6	3	0	3

	Tth	Th	H	T	O
	○	①	①	①	
	3	3	7	4	2
+	8	0	6	6	8
<hr/>					
	1	1	4	4	1

	Tth	Th	H	T	O
	①	①	①	①	
	9	9	9	9	9
+	1	1	1	1	1
<hr/>					
	1	1	1	1	1

	Tth	Th	H	T	O
	○	①	○	①	
	7	1	7	1	7
+	4	5	4	5	4
<hr/>					
	1	1	7	1	7

	Tth	Th	H	T	O
	①	①	①	①	
	1	6	7	8	9
+	8	7	6	5	4
<hr/>					
	1	0	4	4	3

	Tth	Th	H	T	O
	①	①	○	①	
	1	9	7	3	9
+	7	6	6	0	9
<hr/>					
	9	6	3	4	8

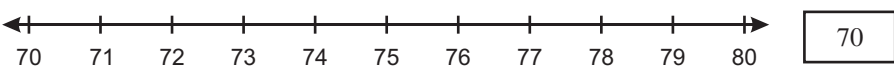
	Tth	Th	H	T	O
	①	①	①	①	
	2	7	7	7	7
+	3	5	7	9	6
<hr/>					
	6	3	5	7	3

	Tth	Th	H	T	O
	①	①	①	①	
	2	4	8	9	3
+	6	5	1	2	7
<hr/>					
	9	0	0	2	0

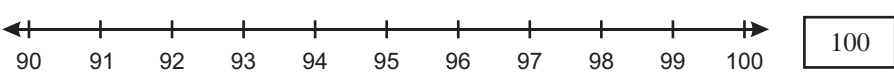
	Tth	Th	H	T	O
	○	①	○	①	
	1	4	6	4	2
+	2	3	5	1	9
<hr/>					
	3	8	1	6	1

Using number lines, round to the nearest ten and hundred.

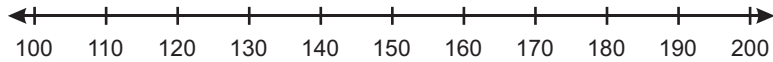
(a) 73



(b) 96

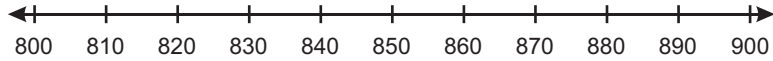


(c) 175



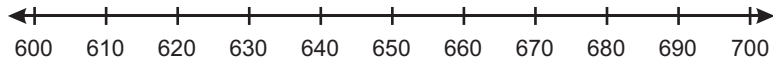
180

(d) 880



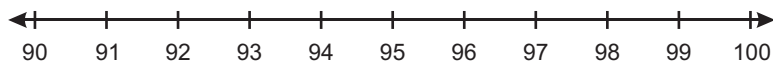
900

(e) 625



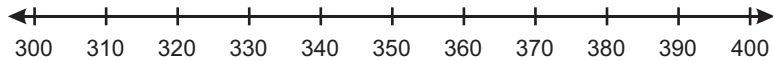
630

(f) 99



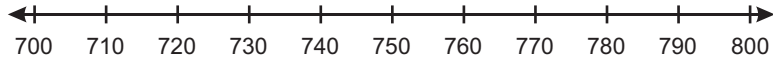
100

(g) 325



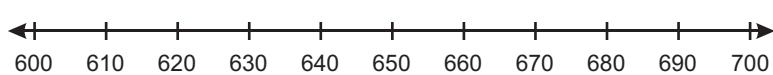
330

(h) 777



780

(i) 795



800

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Word Problems

$$\begin{array}{r}
 \text{1. No. of Students in primary classes in school} = \overset{\textcircled{1}}{5} \overset{\textcircled{1}}{3} \overset{\textcircled{1}}{5} \\
 \text{No. of Students in middle classes in school} = 7 \ 1 \ 2 \\
 \text{No. of Students in senior classes in school} = + 2 \ 7 \ 3 \\
 \hline
 1 \ 5 \ 2 \ 0
 \end{array}$$

So, the total enrolment of that school = 1520

$$\begin{array}{r}
 \text{2. No. of men in town} = \overset{\textcircled{1}}{3} \overset{\textcircled{1}}{5} \overset{\textcircled{1}}{8} \ 3 \\
 \text{Women in the town} = 2 \ 8 \ 0 \ 9 \\
 \text{Children in the town} = + 7 \ 3 \ 8 \ 5 \\
 \hline
 1 \ 3 \ 7 \ 7 \ 7
 \end{array}$$

So, total population of this town = 13777

$$\begin{array}{r}
3. \text{ Eggs produced by the poultry farm on 1st day} = \begin{array}{r} \textcircled{2} \textcircled{2} \\ 2 \ 3 \ 6 \end{array} \\
\text{Eggs produced by the poultry farm on 2nd day} = \begin{array}{r} 3 \ 8 \ 9 \\ 4 \ 0 \ 6 \end{array} \\
\text{Eggs produced by the poultry farm on 3rd day} = \begin{array}{r} 4 \ 0 \ 6 \\ + \ 5 \ 7 \ 2 \\ \hline 16 \ 0 \ 3 \end{array} \\
\text{Eggs produced by the poultry farm on 4th day} =
\end{array}$$

So, the total eggs produced in these days = 1603

$$\begin{array}{r}
4. \text{ No. of bags of wheat in one store} = \begin{array}{r} 3 \ 5 \ 8 \ 9 \\ + \ 4 \ 8 \ 0 \ 6 \\ \hline 8 \ 3 \ 9 \ 5 \end{array} \\
\text{No. of bags of wheat in another store} =
\end{array}$$

So, the total no. of bags of wheat in the two stores = 8395

$$\begin{array}{r}
5. \text{ No. of Mathematics books in library} = \begin{array}{r} \textcircled{1} \textcircled{2} \textcircled{2} \\ 1 \ 2 \ 8 \ 5 \\ 2 \ 0 \ 3 \ 6 \\ 2 \ 5 \ 7 \ 1 \\ + \ 4 \ 8 \ 9 \\ \hline 6 \ 3 \ 8 \ 1 \end{array} \\
\text{No. of English books in library} = \\
\text{No. of Hindi books in library} = \\
\text{No. of Punjabi books in library} =
\end{array}$$

So, total books in library = 6381

$$\begin{array}{r}
6. \text{ Persons visited the zoo on Monday} = \begin{array}{r} \textcircled{2} \textcircled{2} \textcircled{2} \\ 2 \ 3 \ 8 \ 5 \\ 1 \ 8 \ 9 \ 3 \\ 1 \ 7 \ 0 \ 6 \\ + \ 8 \ 3 \ 6 \\ \hline 6 \ 8 \ 2 \ 0 \end{array} \\
\text{Persons visited the zoo on Tuesday} = \\
\text{Persons visited the zoo on Wednesday} = \\
\text{Persons visited the zoo on Thursday} =
\end{array}$$

Total persons visited the zoo in four days = 6820

$$\begin{array}{r}
7. \text{ The fruit seller has bananas in his shop} = \begin{array}{r} \textcircled{1} \textcircled{1} \textcircled{1} \\ 4 \ 5 \ 8 \ 3 \\ 2 \ 8 \ 3 \ 6 \\ + \ 1 \ 2 \ 0 \ 4 \\ \hline 8 \ 6 \ 2 \ 3 \end{array} \\
\text{No. of oranges in his shop} = \\
\text{No. of pineapples in his shop} =
\end{array}$$

The fruit seller has total fruits in his shop = 8623

$$\begin{array}{r}
8. \text{ The weaver makes cloth on first day} = \begin{array}{r} \textcircled{1} \textcircled{2} \\ 8 \ 4 \ 7 \ \text{metres} \\ 5 \ 5 \ 6 \ \text{metres} \\ 4 \ 3 \ 7 \ \text{metres} \\ + \ 7 \ 1 \ 8 \ \text{metres} \\ \hline 2 \ 5 \ 5 \ 8 \ \text{metres} \end{array} \\
\text{The weaver makes cloth on second day} = \\
\text{The weaver makes cloth on third day} = \\
\text{The weaver makes cloth on fourth day} =
\end{array}$$

The weaver makes total cloth in these days = 2558 metres

$$\begin{array}{r}
9. \text{ No. of Cows in the village} = \begin{array}{r} \textcircled{1} \textcircled{1} \textcircled{1} \\ 3 \ 5 \ 2 \ 7 \\ 4 \ 8 \ 0 \ 9 \\ + \ 1 \ 2 \ 8 \ 3 \\ \hline 9 \ 6 \ 1 \ 9 \end{array} \\
\text{No. of Buffaloes in the village} = \\
\text{No. of Other cattle in the village} = \\
\text{Total no. of cattle in that village} = 9619.
\end{array}$$

4.

Substruction

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$$\begin{array}{r} \text{H T O} \\ 642 \\ - 220 \\ \hline 422 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 635 \\ - 324 \\ \hline 311 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 492 \\ - 270 \\ \hline 222 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 646 \\ - 133 \\ \hline 513 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 604 \\ - 203 \\ \hline 401 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 987 \\ - 555 \\ \hline 432 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 514 \\ - 203 \\ \hline 311 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 884 \\ - 433 \\ \hline 451 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 578 \\ - 442 \\ \hline 136 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 599 \\ - 399 \\ \hline 200 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 768 \\ - 348 \\ \hline 420 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 678 \\ - 148 \\ \hline 530 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 808 \\ - 404 \\ \hline 404 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 703 \\ - 401 \\ \hline 302 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 605 \\ - 104 \\ \hline 501 \end{array}$$

$$\begin{array}{r} \text{H T O} \\ 489 \\ - 178 \\ \hline 311 \end{array}$$

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Subtract the following.

$$\begin{array}{r} \text{Th H T O} \\ 6853 \\ - 1243 \\ \hline 5610 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 7978 \\ - 2525 \\ \hline 5453 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 3675 \\ - 1625 \\ \hline 2050 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 6444 \\ - 4123 \\ \hline 2321 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 8654 \\ - 2153 \\ \hline 6501 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 7565 \\ - 3151 \\ \hline 4414 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 9840 \\ - 7600 \\ \hline 2240 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 5346 \\ - 3204 \\ \hline 2142 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 8\ 5\ 3\ 8 \\ - 6\ 3\ 1\ 5 \\ \hline 2\ 2\ 2\ 3 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 7\ 6\ 2\ 5 \\ - 4\ 0\ 2\ 0 \\ \hline 3\ 6\ 0\ 5 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 5\ 3\ 2\ 9 \\ - 1\ 1\ 0\ 3 \\ \hline 4\ 2\ 2\ 6 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 7\ 7\ 8\ 8 \\ - 4\ 4\ 5\ 5 \\ \hline 3\ 3\ 3\ 3 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 5\ 4\ 0\ 9 \\ - 2\ 1\ 0\ 3 \\ \hline 3\ 3\ 0\ 6 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 5\ 6\ 7\ 4 \\ - 3\ 2\ 3\ 0 \\ \hline 2\ 4\ 4\ 4 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 9\ 8\ 4\ 2 \\ - 6\ 7\ 0\ 2 \\ \hline 3\ 1\ 4\ 0 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ 3\ 8\ 9\ 9 \\ - 3\ 2\ 7\ 1 \\ \hline 6\ 2\ 8 \end{array}$$

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Subtract the following.

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 7\ 0\ 0\ 8 \\ - 5\ 6\ 7\ 9 \\ \hline 1\ 3\ 2\ 9 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 8\ 6\ 2\ 1 \\ - 4\ 8\ 7\ 5 \\ \hline 3\ 7\ 4\ 6 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 4\ 5\ 2\ 0 \\ - 3\ 7\ 1\ 9 \\ \hline 8\ 0\ 1 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 6\ 4\ 6\ 8 \\ - 2\ 6\ 7\ 9 \\ \hline 3\ 7\ 8\ 9 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 8\ 6\ 7\ 6 \\ - 4\ 8\ 9\ 9 \\ \hline 3\ 7\ 7\ 7 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 7\ 2\ 6\ 2 \\ - 6\ 8\ 9\ 4 \\ \hline 3\ 6\ 8 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 6\ 4\ 1\ 6 \\ - 4\ 5\ 6\ 7 \\ \hline 1\ 8\ 4\ 9 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 6\ 0\ 5\ 6 \\ - 4\ 5\ 9\ 8 \\ \hline 1\ 4\ 5\ 8 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 4\ 5\ 0\ 0 \\ - 1\ 3\ 9\ 1 \\ \hline 3\ 1\ 0\ 9 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 6\ 3\ 5\ 2 \\ - 5\ 1\ 6\ 5 \\ \hline 1\ 1\ 8\ 7 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 4\ 6\ 4\ 6 \\ - 3\ 7\ 6\ 8 \\ \hline 8\ 7\ 8 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 9\ 6\ 6\ 4 \\ - 5\ 7\ 8\ 5 \\ \hline 3\ 8\ 7\ 9 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 8\ 3\ 2\ 1 \\ - 5\ 0\ 8\ 6 \\ \hline 3\ 2\ 3\ 5 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 4\ 0\ 8\ 1 \\ - 2\ 9\ 9\ 7 \\ \hline 1\ 0\ 8\ 4 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 6\ 0\ 6\ 2 \\ - 1\ 9\ 5\ 8 \\ \hline 4\ 1\ 0\ 4 \end{array}$$

$$\begin{array}{r} \text{Th H T O} \\ \textcircled{1}\textcircled{1}\textcircled{1}\textcircled{1} \\ 7\ 4\ 2\ 4 \\ - 5\ 7\ 8\ 6 \\ \hline 1\ 6\ 3\ 8 \end{array}$$

Subtract the following :

$$\begin{array}{r} \text{Tth Th H T O} \\ 8 \ 5 \ 3 \ 7 \ 0 \\ - 5 \ 2 \ 0 \ 1 \ 0 \\ \hline 3 \ 3 \ 3 \ 6 \ 0 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 5 \ 8 \ 0 \ 0 \ 0 \\ - 1 \ 8 \ 0 \ 0 \ 0 \\ \hline 4 \ 0 \ 0 \ 0 \ 0 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 8 \ 2 \ 4 \ 4 \ 6 \\ - 7 \ 2 \ 3 \ 4 \ 2 \\ \hline 1 \ 0 \ 1 \ 0 \ 4 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 3 \ 1 \ 2 \ 6 \ 9 \\ - 1 \ 0 \ 1 \ 6 \ 8 \\ \hline 2 \ 1 \ 1 \ 0 \ 1 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 3 \ 7 \ 6 \ 5 \ 9 \\ - 2 \ 3 \ 5 \ 1 \ 7 \\ \hline 1 \ 4 \ 1 \ 4 \ 2 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 5 \ 6 \ 2 \ 7 \ 2 \\ - 3 \ 4 \ 0 \ 4 \ 0 \\ \hline 2 \ 2 \ 2 \ 3 \ 2 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 9 \ 6 \ 0 \ 8 \ 8 \\ - 7 \ 6 \ 0 \ 0 \ 0 \\ \hline 2 \ 0 \ 0 \ 8 \ 8 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 3 \ 5 \ 8 \ 2 \ 9 \\ - 1 \ 4 \ 7 \ 2 \ 1 \\ \hline 2 \ 1 \ 1 \ 0 \ 8 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 9 \ 6 \ 3 \ 8 \ 8 \\ - 7 \ 2 \ 2 \ 7 \ 2 \\ \hline 2 \ 4 \ 1 \ 1 \ 6 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 1 \ 0 \ 7 \ 5 \ 9 \\ - 1 \ 0 \ 6 \ 5 \ 8 \\ \hline 1 \ 0 \ 1 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 4 \ 6 \ 3 \ 8 \ 7 \\ - 1 \ 3 \ 2 \ 6 \ 4 \\ \hline 3 \ 3 \ 1 \ 2 \ 3 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 8 \ 0 \ 7 \ 6 \ 5 \\ - 1 \ 9 \ 2 \ 0 \ 2 \\ \hline 6 \ 1 \ 5 \ 6 \ 3 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 4 \ 7 \ 5 \ 3 \ 0 \\ - 3 \ 6 \ 1 \ 2 \ 0 \\ \hline 1 \ 1 \ 4 \ 1 \ 0 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 1 \ 3 \ 9 \ 9 \ 3 \\ - 1 \ 1 \ 3 \ 9 \ 1 \\ \hline 0 \ 2 \ 6 \ 0 \ 2 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ 3 \ 4 \ 7 \ 8 \ 9 \\ - 2 \ 3 \ 3 \ 1 \ 5 \\ \hline 1 \ 1 \ 4 \ 7 \ 4 \end{array}$$

Subtract the following :

$$\begin{array}{r} \text{Tth Th H T O} \\ \textcircled{0} \ \textcircled{0} \ \textcircled{0} \ \textcircled{1} \ \textcircled{1} \\ 5 \ 6 \ 8 \ 5 \ 1 \\ - 1 \ 8 \ 4 \ 9 \ 9 \\ \hline 3 \ 8 \ 3 \ 5 \ 2 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ \textcircled{0} \ \textcircled{1} \ \textcircled{0} \ \textcircled{1} \ \textcircled{1} \\ 8 \ 0 \ 9 \ 2 \ 8 \\ - 7 \ 8 \ 0 \ 4 \ 9 \\ \hline 2 \ 8 \ 7 \ 9 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ \textcircled{0} \ \textcircled{1} \ \textcircled{1} \ \textcircled{0} \ \textcircled{1} \\ 7 \ 2 \ 2 \ 8 \ 0 \\ - 1 \ 7 \ 9 \ 0 \ 7 \\ \hline 5 \ 4 \ 3 \ 7 \ 3 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ \textcircled{0} \ \textcircled{0} \ \textcircled{1} \ \textcircled{1} \ \textcircled{1} \\ 9 \ 3 \ 3 \ 4 \ 0 \\ - 4 \ 7 \ 6 \ 6 \ 8 \\ \hline 4 \ 5 \ 6 \ 7 \ 2 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ \textcircled{0} \ \textcircled{0} \ \textcircled{0} \ \textcircled{1} \ \textcircled{1} \\ 6 \ 5 \ 9 \ 4 \ 5 \\ - 4 \ 2 \ 0 \ 9 \ 9 \\ \hline 2 \ 3 \ 8 \ 4 \ 6 \end{array}$$

$$\begin{array}{r} \text{Tth Th H T O} \\ \textcircled{0} \ \textcircled{0} \ \textcircled{0} \ \textcircled{1} \ \textcircled{1} \\ 9 \ 1 \ 7 \ 2 \ 1 \\ - 3 \ 8 \ 2 \ 9 \ 3 \\ \hline 5 \ 3 \ 4 \ 2 \ 8 \end{array}$$

$$\begin{array}{r}
 \text{Tth Th H T O} \\
 \textcircled{0} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \\
 4 \ 8 \ 3 \ 1 \ 2 \\
 - 1 \ 8 \ 5 \ 5 \ 9 \\
 \hline
 2 \ 9 \ 7 \ 5 \ 3
 \end{array}$$

$$\begin{array}{r}
 \text{Tth Th H T O} \\
 \textcircled{0} \textcircled{0} \textcircled{0} \textcircled{1} \textcircled{1} \\
 3 \ 6 \ 8 \ 8 \ 3 \\
 - 2 \ 8 \ 6 \ 9 \ 4 \\
 \hline
 8 \ 1 \ 8 \ 9
 \end{array}$$

$$\begin{array}{r}
 \text{Tth Th H T O} \\
 \textcircled{0} \textcircled{0} \textcircled{1} \textcircled{1} \textcircled{1} \\
 5 \ 9 \ 4 \ 3 \ 7 \\
 - 3 \ 8 \ 9 \ 5 \ 8 \\
 \hline
 2 \ 0 \ 4 \ 7 \ 9
 \end{array}$$

$$\begin{array}{r}
 \text{Tth Th H T O} \\
 \textcircled{0} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \\
 7 \ 2 \ 5 \ 0 \ 7 \\
 - 5 \ 5 \ 7 \ 9 \ 8 \\
 \hline
 1 \ 6 \ 7 \ 0 \ 9
 \end{array}$$

$$\begin{array}{r}
 \text{Tth Th H T O} \\
 \textcircled{0} \textcircled{1} \textcircled{1} \textcircled{1} \textcircled{1} \\
 8 \ 4 \ 4 \ 2 \ 3 \\
 - 6 \ 5 \ 8 \ 2 \ 7 \\
 \hline
 1 \ 8 \ 5 \ 9 \ 6
 \end{array}$$

$$\begin{array}{r}
 \text{Tth Th H T O} \\
 \textcircled{0} \textcircled{0} \textcircled{1} \textcircled{0} \textcircled{1} \\
 3 \ 7 \ 6 \ 4 \ 2 \\
 - 1 \ 3 \ 8 \ 1 \ 9 \\
 \hline
 2 \ 3 \ 8 \ 2 \ 3
 \end{array}$$

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Fill in the blanks.

1. 785

2. 0

3. Large, small.

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Estimate the difference.

Rounding, we get

$$\begin{array}{r}
 \text{H T O} \\
 6 \ 0 \ 0 \\
 - 4 \ 0 \ 0 \\
 \hline
 2 \ 0 \ 0
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 9 \ 0 \ 0 \\
 - 4 \ 0 \ 0 \\
 \hline
 5 \ 0 \ 0
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 3 \ 0 \ 0 \\
 - 1 \ 0 \ 0 \\
 \hline
 2 \ 0 \ 0
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 5 \ 0 \ 0 \\
 - 1 \ 0 \ 0 \\
 \hline
 4 \ 0 \ 0
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 7 \ 0 \ 0 \\
 - 2 \ 0 \ 0 \\
 \hline
 5 \ 0 \ 0
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 7 \ 0 \ 0 \\
 - 6 \ 0 \ 0 \\
 \hline
 1 \ 0 \ 0
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 5 \ 0 \ 0 \\
 - 2 \ 0 \ 0 \\
 \hline
 3 \ 0 \ 0
 \end{array}$$

$$\begin{array}{r}
 \text{H T O} \\
 5 \ 0 \ 0 \\
 - 2 \ 0 \ 0 \\
 \hline
 3 \ 0 \ 0
 \end{array}$$

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Solve the following :

(a)

$$\begin{array}{r}
 6 \ 5 \ 4 \ 1 \\
 + 2 \ 1 \ 5 \ 1 \\
 \hline
 8 \ 6 \ 9 \ 2 \\
 \hline
 8 \ 6 \ 9 \ 2 \\
 - 5 \ 4 \ 3 \ 2 \\
 \hline
 3 \ 2 \ 6 \ 0
 \end{array}$$

(b)

$$\begin{array}{r}
 8 \ 7 \ 6 \ 5 \\
 + 2 \ 3 \ 2 \ 1 \\
 \hline
 1 \ 1 \ 0 \ 8 \ 6 \\
 \hline
 1 \ 1 \ 0 \ 8 \ 6 \\
 - 1 \ 2 \ 3 \ 4 \\
 \hline
 9 \ 8 \ 5 \ 2
 \end{array}$$

(c)

$$\begin{array}{r}
 8 \ 7 \ 6 \ 5 \\
 + 2 \ 2 \ 0 \ 0 \\
 \hline
 1 \ 0 \ 9 \ 6 \ 0 \\
 \hline
 1 \ 0 \ 9 \ 6 \ 0 \\
 - 7 \ 2 \ 1 \ 2 \\
 \hline
 3 \ 7 \ 4 \ 8
 \end{array}$$

$$\begin{array}{r} \text{(d)} \quad 8 \ 5 \ 2 \ 1 \\ + 2 \ 1 \ 2 \ 2 \\ \hline 1 \ 0 \ 6 \ 4 \ 3 \end{array}$$

$$\begin{array}{r} 1 \ 0 \ 6 \ 4 \ 3 \\ - 1 \ 3 \ 7 \ 2 \\ \hline 9 \ 2 \ 7 \ 1 \end{array}$$

$$\begin{array}{r} \text{(e)} \quad 3 \ 7 \ 1 \ 2 \\ + 2 \ 1 \ 3 \ 7 \\ \hline 5 \ 8 \ 4 \ 9 \end{array}$$

$$\begin{array}{r} 5 \ 8 \ 4 \ 9 \\ - 1 \ 2 \ 3 \ 2 \\ \hline 4 \ 6 \ 1 \ 7 \end{array}$$

$$\begin{array}{r} \text{(e)} \quad 1 \ 8 \ 5 \ 6 \\ + 9 \ 9 \ 9 \\ \hline 2 \ 8 \ 5 \ 5 \end{array}$$

$$\begin{array}{r} 2 \ 8 \ 5 \ 5 \\ - 1 \ 1 \ 1 \\ \hline 2 \ 7 \ 4 \ 4 \end{array}$$

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Word Problems

1. John spent money on food = ₹ 1215
 He spent money on other items = ₹ 892
 So, the money he saved = ₹ (3525 – 2108)
 = ₹ 1418 **Ans.**

$$\begin{array}{r} 1 \ 2 \ 1 \ 5 \\ + 8 \ 9 \ 2 \\ \hline 2 \ 1 \ 0 \ 7 \end{array}$$

$$\begin{array}{r} 3 \ 5 \ 2 \ 5 \\ + 2 \ 1 \ 0 \ 7 \\ \hline 1 \ 4 \ 1 \ 8 \end{array}$$

2. No. of exercise books in the school book shop = 7000
 No. of exercise books sold in two days = (3510 + 2892)
 = 6402
 No. of exercise books left = (7000 – 6402) = 598 **Ans.**

$$\begin{array}{r} 3 \ 5 \ 1 \ 0 \\ + 2 \ 8 \ 9 \ 2 \\ \hline 6 \ 4 \ 0 \ 2 \end{array}$$

$$\begin{array}{r} 7 \ 0 \ 0 \ 0 \\ + 6 \ 4 \ 0 \ 2 \\ \hline 5 \ 9 \ 8 \end{array}$$

3. The greatest number of four digits = 9999
 Sum of 3516 and 4984 = (3516 + 4984)
 = 8500
 9999
 - 8500
1499 **Ans.**

4. Planted trees in 2018 = 2876
 Planted trees in 2017 = 2515
 Here 2876 > 2515
 Difference = 2876 – 2515 = 361

$$\begin{array}{r} 2 \ 8 \ 7 \ 6 \\ - 2 \ 5 \ 1 \ 5 \\ \hline 3 \ 6 \ 1 \end{array}$$

The students planted more trees in year 2018 **Ans.**

5. Total books in school library = 6000
 The sum of History and Maths books = 1023 + 3579
 = 4602

$$\begin{array}{r} 1 \ 0 \ 2 \ 3 \\ + 3 \ 5 \ 7 \ 9 \\ \hline 4 \ 6 \ 0 \ 2 \end{array}$$

$$\begin{array}{r} 6 \ 0 \ 0 \ 0 \\ - 4 \ 6 \ 0 \ 2 \\ \hline 1 \ 3 \ 9 \ 8 \end{array}$$

So, No. of books on other subjects = (6000 – 4602) = 1398 **Ans.**

6. Total mango trees in the garden = 1085
 Trees destroyed by the wind = 595
 No. of trees left = (1085 – 595)
 = 490

$$\begin{array}{r} 1 \ 0 \ 8 \ 5 \\ - 5 \ 9 \ 5 \\ \hline 4 \ 9 \ 0 \end{array}$$

7. Total no. of students in the school = 2350
 The number of boys in the school = 1285
 So, the number of girls in the school = (2350 – 1285)
 = 1065 girls **Ans.**

$$\begin{array}{r} 2 \ 3 \ 5 \ 0 \\ - 1 \ 2 \ 8 \ 5 \\ \hline 1 \ 0 \ 6 \ 5 \end{array}$$

8. The sheets of paper bought = 8925
 Sheets used to make exercise books = 6876
 Unused sheets = $(8925 - 6876) = 2049$ **Ans.**
- $$\begin{array}{r} 8925 \\ - 6876 \\ \hline 2049 \end{array}$$
9. Bags of rice in the store = 5432
 Bags of rice sold out = 3849
 Now the bags are in the store = $5432 - 3849$
 = 1583 **Ans.**
- $$\begin{array}{r} 5432 \\ - 3849 \\ \hline 1583 \end{array}$$
10. The population of the town in 1990 = 8454
 It becomes in 1991 = 9500
 So, increase in population = $(9500 - 8454)$
 = 1046 **Ans.**
- $$\begin{array}{r} 9500 \\ - 8454 \\ \hline 1046 \end{array}$$

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11. The books in book shop = 9237
 Books written in English = 6846
 Books written in other languages = $(9237 - 6846)$
 = 2391 **Ans.**
- $$\begin{array}{r} 9237 \\ - 6846 \\ \hline 2391 \end{array}$$
12. The carpenter had the nails = 6530
 No. of nails he used = 4849
 Nails left = $6530 - 4849$
 = 1681 **Ans.**
- $$\begin{array}{r} 6530 \\ - 4849 \\ \hline 1681 \end{array}$$
13. Donated pens and pencils = 4350
 No. of pens = 2708
 So, No. of pencils = $(4350 - 2708)$
 = 1642 **Ans.**
- $$\begin{array}{r} 4350 \\ - 2708 \\ \hline 1642 \end{array}$$
14. Total hens in poultry farm = 5000
 Hens died from disease = 549
 Now, the hens left = $(5000 - 549)$
 = 4451 **Ans.**
- $$\begin{array}{r} 5000 \\ - 549 \\ \hline 4451 \end{array}$$
15. Ramesh had money in his bank account = ₹8515
 He took out the money = ₹ 3986
 The money was left in his account = $₹(8515 - 3986)$
 = ₹ 4529 **Ans.**
- $$\begin{array}{r} 8515 \\ - 3986 \\ \hline 4529 \end{array}$$
16. The packets of biscuits purchased = 8000
 The packets distributed = 7582
 So, the packets left = $(8000 - 7582)$
 = 418 **Ans.**
- $$\begin{array}{r} 8000 \\ - 7582 \\ \hline 418 \end{array}$$
17. The pairs of socks produced on Monday = 6005
 Pairs of socks produced on Tuesday = 5816
 Difference = $(6005 - 5816) = 189$
 So, 189 more packets were produced on Monday **Ans.**
- $$\begin{array}{r} 6005 \\ - 5816 \\ \hline 189 \end{array}$$

18. In a school no. of students = 2000
 New students = 150
 Total no. of students = (2000 + 150)
 = 2150 students
 The student left to the school = 85
 Difference = (2150 - 85 = 2065)
 No. of students at the end of the year = 2065 **Ans.**

$$\begin{array}{r}
 2000 \\
 + 150 \\
 \hline
 2150 \\
 - 85 \\
 \hline
 2065
 \end{array}$$

19. Neem trees = 1500
 Mango trees = 1200
 Total trees = (1500 + 1200) = 2700
 Trees cut down = 450
 The trees left = (2700 - 450)
 = 2250 **Ans.**

$$\begin{array}{r}
 1500 \\
 + 1200 \\
 \hline
 2700 \\
 - 450 \\
 \hline
 2250
 \end{array}$$

20. The population of the city = 43956
 Males = 22050
 Females = (43956 - 22050)
 = 21906 females **Ans.**

$$\begin{array}{r}
 43956 \\
 - 22050 \\
 \hline
 21906
 \end{array}$$

21. The children in the school = 1400
 Children could not come = 140
 Children who attended school = (1400 - 140) = 1260 **Ans.**

$$\begin{array}{r}
 1400 \\
 - 140 \\
 \hline
 1260
 \end{array}$$

5.

Multiplication

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Fill in the blanks.

$19 \times 10 = 190$

$14 \times 5 = 70$

$13 \times 3 = 39$

$13 \times 8 = 104$

$17 \times 6 = 102$

$16 \times 8 = 128$

$17 \times 5 = 85$

$12 \times 3 = 36$

$14 \times 9 = 126$

$15 \times 9 = 135$

$13 \times 7 = 91$

$17 \times 9 = 153$

$12 \times 2 = 24$

$18 \times 6 = 108$

$16 \times 2 = 32$

$11 \times 8 = 88$

$15 \times 3 = 45$

$15 \times 5 = 75$

$19 \times 4 = 76$

$19 \times 4 = 76$

$18 \times 3 = 54$

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Multiply the following.

$$\begin{array}{r}
 809 \\
 \times 1 \\
 \hline
 809
 \end{array}$$

$$\begin{array}{r}
 312 \\
 \times 3 \\
 \hline
 936
 \end{array}$$

$$\begin{array}{r}
 210 \\
 \times 5 \\
 \hline
 1050
 \end{array}$$

$$\begin{array}{r}
 402 \\
 \times 4 \\
 \hline
 1608
 \end{array}$$

$$\begin{array}{r}
 144 \\
 \times 2 \\
 \hline
 288
 \end{array}$$

$$\begin{array}{r}
 300 \\
 \times 9 \\
 \hline
 2700
 \end{array}$$

$$\begin{array}{r}
 244 \\
 \times 2 \\
 \hline
 488
 \end{array}$$

$$\begin{array}{r}
 303 \\
 \times 3 \\
 \hline
 909
 \end{array}$$

$$\begin{array}{r}
 404 \\
 \times 1 \\
 \hline
 404
 \end{array}$$

$$\begin{array}{r}
 621 \\
 \times 3 \\
 \hline
 1863
 \end{array}$$

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$\begin{array}{r} 555 \\ \times 1 \\ \hline 555 \end{array}$	$\begin{array}{r} 111 \\ \times 7 \\ \hline 777 \end{array}$	$\begin{array}{r} 100 \\ \times 8 \\ \hline 800 \end{array}$	$\begin{array}{r} 322 \\ \times 4 \\ \hline 1288 \end{array}$	$\begin{array}{r} 222 \\ \times 3 \\ \hline 666 \end{array}$
$\begin{array}{r} 503 \\ \times 2 \\ \hline 1006 \end{array}$	$\begin{array}{r} 666 \\ \times 1 \\ \hline 666 \end{array}$	$\begin{array}{r} 122 \\ \times 4 \\ \hline 488 \end{array}$	$\begin{array}{r} 244 \\ \times 2 \\ \hline 488 \end{array}$	$\begin{array}{r} 101 \\ \times 9 \\ \hline 909 \end{array}$

PAGE No. 53**Multiply the following.**

$\begin{array}{r} 825 \\ \times 5 \\ \hline 4125 \end{array}$	$\begin{array}{r} 622 \\ \times 5 \\ \hline 3110 \end{array}$	$\begin{array}{r} 412 \\ \times 6 \\ \hline 2472 \end{array}$	$\begin{array}{r} 319 \\ \times 5 \\ \hline 1595 \end{array}$
$\begin{array}{r} 328 \\ \times 8 \\ \hline 2624 \end{array}$	$\begin{array}{r} 726 \\ \times 8 \\ \hline 5808 \end{array}$	$\begin{array}{r} 314 \\ \times 6 \\ \hline 1884 \end{array}$	$\begin{array}{r} 923 \\ \times 5 \\ \hline 4615 \end{array}$
$\begin{array}{r} 814 \\ \times 4 \\ \hline 3256 \end{array}$	$\begin{array}{r} 927 \\ \times 3 \\ \hline 2781 \end{array}$	$\begin{array}{r} 555 \\ \times 6 \\ \hline 3330 \end{array}$	$\begin{array}{r} 626 \\ \times 9 \\ \hline 5634 \end{array}$
$\begin{array}{r} 719 \\ \times 3 \\ \hline 2157 \end{array}$	$\begin{array}{r} 622 \\ \times 7 \\ \hline 4354 \end{array}$	$\begin{array}{r} 806 \\ \times 3 \\ \hline 2418 \end{array}$	$\begin{array}{r} 719 \\ \times 4 \\ \hline 2876 \end{array}$

PAGE No 54**Multiply the following.**

$\begin{array}{r} 301 \\ \times 31 \\ \hline 301 \\ 903 \times \\ \hline 9331 \end{array}$	$\begin{array}{r} 112 \\ \times 42 \\ \hline 224 \\ 448 \times \\ \hline 4704 \end{array}$	$\begin{array}{r} 200 \\ \times 44 \\ \hline 800 \\ 800 \times \\ \hline 8800 \end{array}$	$\begin{array}{r} 202 \\ \times 34 \\ \hline 808 \\ 606 \times \\ \hline 6868 \end{array}$	$\begin{array}{r} 144 \\ \times 22 \\ \hline 288 \\ 288 \times \\ \hline 3168 \end{array}$
$\begin{array}{r} 200 \\ \times 24 \\ \hline 800 \\ 400 \times \\ \hline 4800 \end{array}$	$\begin{array}{r} 144 \\ \times 22 \\ \hline 288 \\ 288 \times \\ \hline 3168 \end{array}$	$\begin{array}{r} 203 \\ \times 33 \\ \hline 609 \\ 609 \times \\ \hline 6699 \end{array}$	$\begin{array}{r} 104 \\ \times 21 \\ \hline 104 \\ 208 \times \\ \hline 2184 \end{array}$	$\begin{array}{r} 221 \\ \times 34 \\ \hline 884 \\ 663 \times \\ \hline 7514 \end{array}$

Multiply the following.

$$\begin{array}{r} 463 \\ \times 15 \\ \hline 2315 \\ 463 \times \\ \hline 6945 \end{array}$$

$$\begin{array}{r} 317 \\ \times 28 \\ \hline 2536 \\ 634 \times \\ \hline 8876 \end{array}$$

$$\begin{array}{r} 316 \\ \times 18 \\ \hline 2528 \\ 316 \times \\ \hline 5688 \end{array}$$

$$\begin{array}{r} 248 \\ \times 27 \\ \hline 1736 \\ 596 \times \\ \hline 6696 \end{array}$$

$$\begin{array}{r} 347 \\ \times 34 \\ \hline 1388 \\ 1041 \times \\ \hline 11798 \end{array}$$

$$\begin{array}{r} 256 \\ \times 22 \\ \hline 512 \\ 512 \times \\ \hline 5632 \end{array}$$

$$\begin{array}{r} 321 \\ \times 47 \\ \hline 2247 \\ 1284 \times \\ \hline 15087 \end{array}$$

$$\begin{array}{r} 504 \\ \times 33 \\ \hline 1512 \\ 1512 \times \\ \hline 16632 \end{array}$$

$$\begin{array}{r} 424 \\ \times 19 \\ \hline 3816 \\ 424 \times \\ \hline 8056 \end{array}$$

$$\begin{array}{r} 221 \\ \times 27 \\ \hline 1547 \\ 442 \times \\ \hline 5967 \end{array}$$

1. Find the product.

- (a) $13 \times 10 = 130$ (b) $17 \times 10 = 170$ (c) $14 \times 15 = 210$ (d) $18 \times 8 = 144$
 (e) $19 \times 7 = 133$ (f) $6 \times 6 = 36$ (g) $7 \times 2 = 14$ (h) $9 \times 7 = 63$

2. Multiply each by 20.

- (a) $13 \times 20 = 260$ (b) $17 \times 20 = 340$ (c) $14 \times 20 = 280$ (d) $18 \times 20 = 360$
 (e) $19 \times 20 = 380$ (f) $6 \times 20 = 120$ (g) $7 \times 20 = 140$ (h) $9 \times 20 = 180$

3. Multiply the following :

- (a) $4 \times 200 = 800$ (b) $9 \times 700 = 6300$ (c) $2 \times 400 = 800$ (d) $1 \times 100 = 100$
 (e) $6 \times 400 = 2400$ (f) $6 \times 300 = 1800$ (g) $3 \times 900 = 2700$ (h) $6 \times 400 = 2400$
 (i) $2 \times 300 = 600$ (j) $8 \times 900 = 7200$ (k) $7 \times 800 = 5600$ (l) $5 \times 700 = 3500$

Now, do these multiples.

- $15 \times 8 = 120$ $17 \times 2 = 34$ $15 \times 4 = 60$
 $13 \times 7 = 91$ $18 \times 9 = 162$ $14 \times 6 = 84$
 $19 \times 3 = 57$ $20 \times 5 = 100$ $19 \times 2 = 38$
 $11 \times 4 = 44$ $12 \times 7 = 84$ $14 \times 9 = 126$

1. Land cultivated in 1 day = 25 hectares

\therefore Land cultivated in 365 days = 365×25
 $= 9125$ hectares

So, land cultivated in 365 days = 9125 hectares **Ans.**

$$\begin{array}{r} 365 \\ \times 25 \\ \hline 1825 \\ 730 \times \\ \hline 9125 \end{array}$$

2. 1 gram silver costs = ₹ 42 $\begin{array}{r} 42 \\ \times 30 \\ \hline 00 \\ 126 \times \\ \hline 1260 \end{array}$
30 gram silver costs = ₹ 42 × 30
= ₹ 1260
So, cost of 30 grams of silver = ₹ 1260 **Ans.**
3. Cost of 1 gram of gold = ₹ 500 $\begin{array}{r} 500 \\ \times 50 \\ \hline 000 \\ 2500 \times \\ \hline 25000 \end{array}$
∴ Cost of 50 grams of gold = ₹ 500 × 50
So, cost of 50 grams of gold = ₹ 25000 **Ans.**
4. Sections in a school = 24 $\begin{array}{r} 24 \\ \times 48 \\ \hline 192 \\ 96 \times \\ \hline 1152 \end{array}$
Students in 1 section = 48
∴ Students in 24 sections = 24 × 48
= 1152
So, total number of students in school = 1152 **Ans.**
5. The greatest number of two digits = 99 $\begin{array}{r} 226 \\ \times 99 \\ \hline 2034 \\ 2034 \times \\ \hline 22374 \end{array}$
226 × 99 = 22374
So, the product of the numbers = 22374 **Ans.**
6. The least number of four digits = 1000 $\begin{array}{r} 1000 \\ \times 999 \\ \hline 9000 \\ 9000 \times \\ \hline 999000 \end{array}$
The greatest number of three digits = 999
The product of numbers = 1000 × 999 = 999000 **Ans.**
7. Apples in 1 box = 156 $\begin{array}{r} 156 \\ \times 40 \\ \hline 000 \\ 624 \times \\ \hline 6240 \end{array}$
∴ Apples in 40 boxes = 156 × 40
= 6240 **Ans.**
8. 1 bus can carry = 58 men $\begin{array}{r} 58 \\ \times 24 \\ \hline 232 \\ 116 \times \\ \hline 1392 \end{array}$
∴ 24 such buses can carry = 58 × 24
= 1392 men **Ans.**

9. Boys in St. Thomas school = 249
 1 boy paid for picnic = ₹ 35
 \therefore 249 boys paid for picnic = ₹ $249 \times 35 = ₹ 8715$
- So, the total collection for the picnic = ₹ 8715
10. 1 bag contains rice = 35 kg
 \therefore 262 bags contain rice = 262×35 kg
 = 9170 kg **Ans.**
11. In 1 hour Rajdhani express runs = 140 km
 \therefore In 24 hours it will run = 140×24 km
 = 3360 km **Ans.**
12. Priyanshu has the orange trees = 82
 From 1 tree he collected oranges = 130
 \therefore From 82 trees he collected oranges = 130×82
 = 10660

$$\begin{array}{r} 249 \\ \times 35 \\ \hline 1245 \\ 747 \times \\ \hline 8715 \end{array}$$

$$\begin{array}{r} 262 \\ \times 35 \\ \hline 1310 \\ 786 \times \\ \hline 9170 \end{array}$$

$$\begin{array}{r} 140 \\ \times 24 \\ \hline 560 \\ 280 \times \\ \hline 3360 \end{array}$$

$$\begin{array}{r} 130 \\ \times 82 \\ \hline 260 \\ 1040 \times \\ \hline 10660 \end{array}$$

6.

Division

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1. Divide equally by making groups :

(a) $20 \div 2 = 10$

(b) $12 \div 4 = 3$

(c) $9 \div 3 = 3$

2. Fill in the blanks :

(a) 9

(b) 6

(c) 9

(d) 9

(e) 9

(f) 9

(g) 10

(h) 10

1. $5 \overline{) 35} (7$
 $\begin{array}{r} 35 \\ \times \\ \hline \end{array}$

2. $8 \overline{) 24} (3$
 $\begin{array}{r} 24 \\ \times \\ \hline \end{array}$

3. $4 \overline{) 32} (8$
 $\begin{array}{r} 32 \\ \times \\ \hline \end{array}$

4. $9 \overline{) 63} (7$
 $\begin{array}{r} 63 \\ \times \\ \hline \end{array}$

5. $6 \overline{) 30} (5$
 $\begin{array}{r} 30 \\ \times \\ \hline \end{array}$

6. $10 \overline{) 70} (7$
 $\begin{array}{r} 70 \\ \times \\ \hline \end{array}$

7. $4 \overline{) 24} (6$
 $\begin{array}{r} 24 \\ \times \\ \hline \end{array}$

8. $9 \overline{) 54} (6$
 $\begin{array}{r} 54 \\ \times \\ \hline \end{array}$

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Divide equally :

(i) $18 \div 3 = 6$

(ii) $21 \div 7 = 3$

(iii) $20 \div 4 = 5$

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24 ÷ 6

$$24 - 6 = 18 \quad \underline{\quad 6 \quad} \quad (1)$$

$$18 - 6 = 12 \quad \underline{\quad 6 \quad} \quad (2)$$

$$12 - 6 = 6 \quad \underline{\quad 6 \quad} \quad (3)$$

$$6 - 6 = 0 \quad \underline{\quad 6 \quad} \quad (4)$$

6 can be subtracted 4 times from 24.

$$24 \div 6 = 4$$

35 ÷ 7

$$35 - 7 = 28 \quad \underline{\quad 7 \quad} \quad (1)$$

$$28 - 7 = 21 \quad \underline{\quad 7 \quad} \quad (2)$$

$$21 - 7 = 14 \quad \underline{\quad 7 \quad} \quad (3)$$

$$14 - 7 = 7 \quad \underline{\quad 7 \quad} \quad (4)$$

$$7 - 7 = 0 \quad \underline{\quad 7 \quad} \quad (5)$$

7 can be subtracted 5 times from 35.

$$35 \div 7 = 5$$

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$$5 \div 1 = 5$$

$$15 \div 1 = 15$$

$$18 \div 18 = 1$$

$$30 \div 1 = 30$$

$$45 \div 45 = 1$$

$$25 \div 1 = 25$$

$$12 \div 1 = 12$$

$$17 \div 17 = 1$$

$$29 \div 1 = 29$$

$$0 \div 20 = 0$$

$$0 \div 10 = 0$$

$$11 \div 11 = 1$$

$$9 \div 1 = 9$$

$$0 \div 0 = 0$$

$$26 \div 1 = 26$$

$$30 \div 30 = 1$$

$$19 \div 1 = 19$$

$$21 \div 1 = 21$$

$$7 \div 7 = 1$$

$$3 \div 3 = 1$$

$$0 \div 1 = 0$$

$$1 \div 1 = 1$$

$$29 \div 29 = 1$$

$$0 \div 31 = 0$$

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$$\begin{array}{r} 3 \overline{)333} \quad (111) \\ \underline{3} \\ 03 \\ \underline{-3} \\ 03 \\ \underline{-3} \\ 0 \end{array}$$

$$\begin{array}{r} 2 \overline{)402} \quad (201) \\ \underline{4} \\ 002 \\ \underline{-2} \\ 0 \end{array}$$

$$\begin{array}{r} 4 \overline{)800} \quad (200) \\ \underline{-8} \\ 000 \end{array}$$

$$\begin{array}{r} 5 \overline{)550} \quad (110) \\ \underline{-5} \\ 05 \\ \underline{-5} \\ 0 \end{array}$$

$$\begin{array}{r} 3 \overline{)306} \quad (102) \\ \underline{-3} \\ 006 \\ \underline{-6} \\ \times \end{array}$$

$$\begin{array}{r} 2 \overline{)632} \quad (316) \\ \underline{-6} \\ 03 \\ \underline{-2} \\ 12 \\ \underline{12} \\ \times \end{array}$$

$$\begin{array}{r} 4 \overline{)848} \quad (212) \\ \underline{-8} \\ 04 \\ \underline{-4} \\ 08 \\ \underline{8} \\ \times \end{array}$$

$$\begin{array}{r} 5 \overline{)505} \quad (101) \\ \underline{-5} \\ 005 \\ \underline{-5} \\ \times \end{array}$$

$$\begin{array}{r} 4 \overline{)8048} \quad (2012 \\ -8 \\ \hline 004 \\ -4 \\ \hline 008 \\ -8 \\ \hline x \end{array}$$

$$\begin{array}{r} 2 \overline{)6482} \quad (3241 \\ -6 \\ \hline 04 \\ -4 \\ \hline 08 \\ -8 \\ \hline 02 \\ -2 \\ \hline x \end{array}$$

$$\begin{array}{r} 3 \overline{)3639} \quad (1213 \\ -3 \\ \hline 06 \\ -6 \\ \hline 03 \\ -3 \\ \hline 09 \\ -9 \\ \hline x \end{array}$$

$$\begin{array}{r} 6 \overline{)3006} \quad (501 \\ -30 \\ \hline 06 \\ -6 \\ \hline x \end{array}$$

$$\begin{array}{r} 3 \overline{)6906} \quad (2302 \\ -6 \\ \hline 09 \\ -9 \\ \hline 006 \\ -6 \\ \hline x \end{array}$$

$$\begin{array}{r} 6 \overline{)6606} \quad (1101 \\ -6 \\ \hline 06 \\ -6 \\ \hline 006 \\ -6 \\ \hline x \end{array}$$

$$\begin{array}{r} 5 \overline{)2465} \quad (493 \\ -20 \\ \hline 046 \\ -45 \\ \hline 015 \\ -15 \\ \hline x \end{array}$$

$$\begin{array}{r} 2 \overline{)2864} \quad (1432 \\ -2 \\ \hline 08 \\ -8 \\ \hline 06 \\ -6 \\ \hline 04 \\ -4 \\ \hline x \end{array}$$

Page No. 67 (WORD PROBLEM)

1. Cost of bought 6 copies = ₹96

∴ Cost of 1 copy = $96 \div 6 = ₹16$

$$\begin{array}{r} 6 \overline{)96} \quad (16 \\ -6 \\ \hline 36 \\ -36 \\ \hline x \end{array}$$

2. 10 marbles are in = 1 packet

∴ 373 marbles will be in = $373 \div 10$
= 37 packet and 3 marbles left

$$\begin{array}{r} 10 \overline{)373} \quad (37 \\ -30 \\ \hline 73 \\ -70 \\ \hline 3 \\ \hline x \end{array}$$

3. 5 toffees can be packed in = 1 packet

∴ 50 toffees can be packed in = $50 \div 5 = 10$ packets

$$\begin{array}{r} 5 \overline{)50} \quad (10 \\ -50 \\ \hline x \end{array}$$

4. Ritu has stamps = 100

5 stamps are pasted on = 1 page

∴ 100 stamps will be pasted on = $100 \div 5 = 20$ pages

$$\begin{array}{r} 5 \overline{)100} \quad (20 \\ -10 \\ \hline 00 \\ -0 \\ \hline x \end{array}$$

5. 5 buses carry = 250 people
So, 1 bus will carry = $250 \div 5 = 50$ people

$$\begin{array}{r} 5 \overline{)250} \left(50 \right. \\ \underline{-25} \\ 00 \\ \underline{-0} \\ \times \end{array}$$

6. 4 lines have = 484 children
 \therefore 1 line will have = $484 \div 4$
= 121 children

$$\begin{array}{r} 4 \overline{)484} \left(121 \right. \\ \underline{-4} \\ 08 \\ \underline{-8} \\ 04 \\ \underline{-4} \\ \times \end{array}$$

7. 9 boys get = 342 mangoes
 \therefore 1 boy will get = $342 \div 9$
= 38 mangoes

$$\begin{array}{r} 9 \overline{)342} \left(38 \right. \\ \underline{-27} \\ 72 \\ \underline{-72} \\ \times \end{array}$$

8. 4 children got = ₹ 4960
 \therefore 1 child would get = $4960 \div 4$
= ₹ 1240

$$\begin{array}{r} 4 \overline{)4960} \left(1240 \right. \\ \underline{-4} \\ 96 \\ \underline{-8} \\ 160 \\ \underline{-16} \\ 0 \end{array}$$

9. 5 packets have = 620 biscuits
 \therefore 1 packet will have = $620 \div 5 = 124$ biscuits

$$\begin{array}{r} 5 \overline{)620} \left(124 \right. \\ \underline{-5} \\ 120 \\ \underline{-10} \\ 20 \\ \underline{-20} \\ \times \end{array}$$

10. 90 boxes have = 900 pens
 \therefore 1 box will have = $900 \div 90$
= 10 pens

$$\begin{array}{r} 90 \overline{)900} \left(10 \right. \\ \underline{-90} \\ 0 \\ \underline{-0} \\ \times \end{array}$$

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Tick the shapes that are shaded $\frac{3}{4}$.

Ans. Figures (a), (d)

Shade $\frac{1}{4}$ of each shape.

Ans. Do yourself.

Write the fraction for each of the following :

$$\text{One-sixth} = \frac{1}{6}$$

$$\text{Nine-tenth} = \frac{9}{10}$$

$$\text{Three-fifth} = \frac{3}{5}$$

$$\text{Two-seventh} = \frac{2}{7}$$

$$\text{One-third} = \frac{1}{3}$$

$$\text{Two-tenth} = \frac{2}{10}$$

$$\text{Four-tenth} = \frac{4}{10}$$

$$\text{Two-sixth} = \frac{2}{6}$$

$$\text{Six-seventh} = \frac{6}{7}$$

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In each picture, write the fraction for this shaded part.

$$\frac{5}{8}$$

$$\frac{3}{5}$$

$$\frac{3}{4}$$

$$\frac{7}{8}$$

Write the numerator of following fractions.

$$\frac{1}{4} = 1$$

$$\frac{2}{5} = 2$$

$$\frac{6}{9} = 6$$

$$\frac{5}{8} = 5$$

$$\frac{4}{7} = 4$$

$$\frac{3}{6} = 3$$

Write the denominator in following fractions.

$$\frac{7}{8} = 8$$

$$\frac{2}{3} = 3$$

$$\frac{5}{9} = 9$$

$$\frac{2}{7} = 7$$

$$\frac{2}{11} = 11$$

$$\frac{3}{7} = 7$$

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Identify the like fraction, unlike fraction, unit fraction.

Like, Unit

Unlike

Unlike

Unlike

Unlike

Unlike

Like, unit

Unlike

Unlike

Unit

Like

Unlike

Like

Unlike, unit

Unlike

Like

Unlike

Like

Unlike, unit

Unlike

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Add the following.

$$\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$$

$$\frac{3}{7} + \frac{2}{7} = \frac{5}{7}$$

$$\frac{4}{8} + \frac{2}{8} = \frac{6}{8}$$

$$\frac{2}{3} + \frac{1}{3} = \frac{3}{3} \text{ or } 1$$

$$\frac{5}{2} + \frac{1}{2} = \frac{6}{2} \text{ or } 3$$

$$\frac{4}{7} + \frac{3}{7} = \frac{7}{7} \text{ or } 1$$

$$\frac{8}{9} + \frac{1}{9} = \frac{9}{9} \text{ or } 1$$

$$\frac{7}{8} + \frac{2}{8} = \frac{9}{8}$$

Now, Add the following.

$$\frac{2}{9} + \frac{3}{9} = \frac{5}{9}$$

$$\frac{1}{9} + \frac{5}{9} = \frac{6}{9}$$

Subtract the following.

$$\frac{2}{3} - \frac{1}{3} = \frac{1}{3}$$

$$\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$$

$$\frac{5}{6} - \frac{3}{6} = \frac{2}{6}$$

$$\frac{4}{5} - \frac{2}{5} = \frac{2}{5}$$

$$\frac{3}{4} - \frac{2}{4} = \frac{1}{4}$$

$$\frac{4}{8} - \frac{3}{8} = \frac{1}{8}$$

$$\frac{1}{8} - \frac{1}{8} = 0$$

$$\frac{5}{7} - \frac{2}{7} = \frac{3}{7}$$

8.

Geometry

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Name the following shapes.

Cone

Rectangle

Sphere

Cuboid

Identify the solids.

Cylinder

Cone

Sphere

Cuboid

Cuboid

Cone

Cube

Cylinder

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1. Look at the following figures and count the number of rectangles.

Ans. 2

9

2. Look at the following figures and count the number of squares.

Ans. Two

4

3. Look at the following figures and count the number of Triangles.

Ans. Five

Eight

4. Look at the following figures and count the number of squares, rectangles and triangles.

Ans. Two squares, four triangles

One square, 10 rectangles, 15 triangles

Six squares, two rectangles, eight triangles

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5. Give one word answer.

Ans. Do yourself.

6. Tick the correct word.

(a) curved

(b) plane

(c) plane

(d) curved

(e) plane

(f) plane

7. Tick the correct shape.

Cuboid

Cylinder

Rectangle

Cone

Cylinder

Cube

1. Give the name of each figure and write in symbol.

Name : Line segment

Sumbol : AB

Name : Line segment

Symbol : XY

Name : Ray

Symbol XY

Name : Line segment

Symbol : PQ

2. Name the line segments in the following figures.

Ans. Do yourself.

3. Answer the following questions.

- (a) One line (b) Infinite rays (c) One ray (d) Yes (e) Yes

Do yourself.

9.

Money

1. Convert the following into paise :

(a) ₹ 375 = paise

₹ 1 = 100 paise

₹ 375 = $375 \times 100 = 37500$ paise

(b) ₹ 33 = paise

₹ 1 = 100 paise

₹ 33 = $33 \times 100 = 3300$ paise

(c) ₹ 425 = paise

₹ 1 = 100 paise

₹ 425 = $425 \times 100 = 42500$ paise

(d) ₹ 445 = paise

₹ 1 = 100 paise

₹ 445 = $445 \times 100 = 44500$ paise

(e) ₹ 872 = paise

₹ 1 = 100 paise

₹ 872 = $872 \times 100 = 87200$ paise

(f) ₹ 662 = paise

₹ 1 = 100 paise

₹ 662 = $662 \times 100 = 66200$

(g) ₹ 449 = paise

₹ 1 = 100 paise

₹ 449 = $449 \times 100 = 44900$ paise

(h) ₹ 989 = paise

₹ 1 = 100 paise

₹ 989 = $989 \times 100 = 98900$ paise

2. Convert the following into rupees and paise :

(a) 700 p = ₹ 7

(b) 782 p = ₹ 7 p 82

(c) 720 p = ₹ 7 p 20

(d) 3210 p = ₹ 32 p 10

(e) 8210 p = ₹ 82 p 10

(f) 3320 p = ₹ 33 p 20

(g) 7219 p = ₹ 72 p 19

(h) 3829 p = ₹ 38 p 29

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Add the following.

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 15 \quad 25 \\ + 18 \quad 34 \\ \hline 33 \cdot 59 \end{array}$$

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 54 \quad 75 \\ + 34 \quad 29 \\ \hline 89 \cdot 04 \end{array}$$

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 51 \quad 51 \\ + 44 \quad 54 \\ \hline 96 \cdot 05 \end{array}$$

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 25 \quad 25 \\ + 54 \quad 67 \\ \hline 79 \cdot 92 \end{array}$$

$$\begin{array}{r} 70 \quad 72 \\ + 10 \quad 22 \\ \hline 80 \cdot 94 \end{array}$$

$$\begin{array}{r} 25 \quad 55 \\ + 12 \quad 34 \\ \hline 37 \cdot 89 \end{array}$$

$$\begin{array}{r} 59 \quad 43 \\ + 34 \quad 39 \\ \hline 93 \cdot 82 \end{array}$$

$$\begin{array}{r} 85 \quad 26 \\ + 13 \quad 71 \\ \hline 98 \cdot 97 \end{array}$$

$$\begin{array}{r} 96 \quad 41 \\ + 41 \quad 43 \\ \hline 137 \cdot 84 \end{array}$$

$$\begin{array}{r} 52 \quad 25 \\ + 24 \quad 78 \\ \hline 77 \cdot 03 \end{array}$$

$$\begin{array}{r} 50 \quad 40 \\ + 40 \quad 50 \\ \hline 90 \cdot 90 \end{array}$$

$$\begin{array}{r} 59 \quad 00 \\ + 90 \quad 00 \\ \hline 149 \cdot 00 \end{array}$$

$$\begin{array}{r} 21 \quad 21 \\ + 12 \quad 12 \\ \hline 33 \cdot 33 \end{array}$$

$$\begin{array}{r} 93 \quad 39 \\ + 39 \quad 92 \\ \hline 133 \cdot 31 \end{array}$$

$$\begin{array}{r} 57 \quad 25 \\ + 21 \quad 82 \\ \hline 79 \cdot 07 \end{array}$$

$$\begin{array}{r} 79 \quad 63 \\ + 51 \quad 23 \\ \hline 130 \cdot 86 \end{array}$$

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Subtract the following.

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 51 \quad 92 \\ - 44 \quad 72 \\ \hline 07 \cdot 20 \end{array}$$

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 83 \quad 05 \\ - 36 \quad 19 \\ \hline 46 \cdot 86 \end{array}$$

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 60 \quad 09 \\ - 51 \quad 01 \\ \hline 09 \cdot 08 \end{array}$$

$$\begin{array}{r} \text{₹} \quad \text{P} \\ 42 \quad 19 \\ - 21 \quad 92 \\ \hline 20 \cdot 27 \end{array}$$

$$\begin{array}{r} 12 \quad 02 \\ - 11 \quad 20 \\ \hline 00 \cdot 82 \end{array}$$

$$\begin{array}{r} 29 \quad 00 \\ - 20 \quad 99 \\ \hline 08 \cdot 01 \end{array}$$

$$\begin{array}{r} 95 \quad 43 \\ - 89 \quad 90 \\ \hline 05 \cdot 53 \end{array}$$

$$\begin{array}{r} 72 \quad 62 \\ - 31 \quad 17 \\ \hline 41 \cdot 45 \end{array}$$

$$\begin{array}{r} 69\ 14 \\ - 14\ 34 \\ \hline 54\cdot 80 \end{array}$$

$$\begin{array}{r} 31\ 12 \\ - 21\ 21 \\ \hline 09\cdot 91 \end{array}$$

$$\begin{array}{r} 42\ 52 \\ - 16\ 87 \\ \hline 25\cdot 65 \end{array}$$

$$\begin{array}{r} 66\ 88 \\ - 55\ 92 \\ \hline 10\cdot 96 \end{array}$$

$$\begin{array}{r} 29\ 40 \\ - 19\ 50 \\ \hline 09\cdot 90 \end{array}$$

$$\begin{array}{r} 75\ 52 \\ - 12\ 28 \\ \hline 63\cdot 24 \end{array}$$

$$\begin{array}{r} 69\ 81 \\ - 18\ 98 \\ \hline 50\cdot 83 \end{array}$$

$$\begin{array}{r} 97\ 36 \\ - 12\ 32 \\ \hline 85\cdot 04 \end{array}$$

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Multiply the following.

₹	P
151 82	
× 2	
303	64

21 20	
× 5	
106	00

60 40	
× 3	
181	20

131 21	
× 4	
524	84

₹	P
83 05	
× 9	
747	45

129 51	
× 7	
906	57

122 25	
× 9	
1100	25

73 21	
× 3	
219	63

₹	P
160 19	
× 3	
480	57

80 40	
× 1	
80	40

25 06	
× 5	
125	30

115 25	
× 5	
576	25

₹	P
442 29	
× 2	
884	58

201 22	
× 6	
1207	32

960 10	
× 8	
7680	80

197 25	
× 1	
197	25

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Word problem

1. Tom has money = ₹ 138.90

Nick has money = ₹ 122.60

Jerry has money = ₹ 102.15

They have money altogether = ₹ 363.65 **Ans.**

$$\begin{array}{r} 138\cdot 90 \\ 122\cdot 60 \\ + 102\cdot 15 \\ \hline 363\cdot 65 \end{array}$$

2. Tom purchased one pen for rupees = ₹ 12.25

He purchased one notebook for rupees = ₹ 17.75

He purchased one drawing book for rupees = ₹ 14.50

Total amount of purchase = 44.50

$$\begin{array}{r} 12\cdot 25 \\ 17\cdot 75 \\ + 14\cdot 50 \\ \hline 44\cdot 50 \end{array}$$

- Tom gave to the shopkeeper = ₹ 50 50.00
Shopkeeper should return money to Tom = ₹ 50.00 - 44.50 = ₹ 5.50 **Ans.** - 44.50
5.50
3. Anju collected money = ₹ 500 500.00
She brought her dress for = ₹ 435 - 435.00
Money left with her = ₹ 65 65.00
4. Vishal had money in his bank account = ₹ 800 800.00
He withdrew dress for from his account = ₹ 450.75 - 450.75
The balance of his account = ₹ 349.25 **Ans.** 349.25
5. Ninja had money = ₹ 99525 99525.00
He spent the money = ₹ 63085 - 63085.00
Money left with him = ₹ 36440 **Ans.** 36440.00
6. The price of one chair = ₹ 175.25 175.25 235.0
So, the price of 12 chairs = ₹ 175.25 × 12 × 12 × 11
35050 235
= ₹ 2103 17525 × 235 ×
The cost of one table = ₹ 235 2103.00 2585
So, the cost of 11 tables = ₹ 235 × 11 = 2585
Total cost of 12 chairs and 11 tables = ₹ 2103 + ₹ 2585 = ₹ 4688
7. Ajay bought 5 kg apples for = ₹ 1250 1250.00
He bought 4 kg mangoes for = ₹ 1075 + 1075.00
So, he spent money for buying the fruits = ₹ 1250 + ₹ 1075 2325.00
= ₹ 2325
8. 12 kilogram of tomatoes costs = ₹ 69.60 12) 69.60 (5.80
1 kilogram of tomato costs = 69.60 ÷ 12 - 60
= ₹ 5.80 **Ans.** 96
- 96
x
9. Tom purchased a pencil box for = ₹ 17.35 50.00
He gave the shopkeeper = ₹ 50 - 17.35
Shopkeeper would return money to Tom = ₹ 50.00 - ₹ 17.35 32.65
= ₹ 32.65 **Ans.**
10. The price of Mathematics book = ₹ 124.75 124.75
The price of Science book = ₹ 118.00 118.00
The price of English book = ₹ 115.50 + 115.50
Total cost of three books ₹ 124.00 + ₹ 118.00 + ₹ 115.00 358.25
= ₹ 358.25

Read and write the time in the blanks given below.

10 : 45

10 : 25

1 : 45

12 : 15

5 : 00

Draw the position of two hands and indicate the time.

Ans. Do yourself.

10. Convert the following into hours :

(a) 4 days

$$1 \text{ day} = 24 \text{ hours}$$

$$4 \text{ days} = 4 \times 24 = 96 \text{ hours}$$

(b) 7 days

$$1 \text{ day} = 24 \text{ hours}$$

$$7 \text{ days} = 7 \times 24 = 168 \text{ hours}$$

(c) 8 days

$$1 \text{ day} = 24 \text{ hours}$$

$$8 \text{ days} = 8 \times 24 = 192 \text{ hours}$$

(d) 12 days

$$1 \text{ day} = 24 \text{ hours}$$

$$12 \text{ days} = 12 \times 24 = 288 \text{ hours}$$

(e) 32 days

$$1 \text{ day} = 24 \text{ hours}$$

$$32 \text{ days} = 32 \times 24 = 768 \text{ hours}$$

(f) 40 days

$$1 \text{ day} = 24 \text{ hours}$$

$$40 \text{ days} = 40 \times 24 = 960 \text{ hours}$$

(g) 72 days

$$1 \text{ day} = 24 \text{ hours}$$

$$72 \text{ days} = 72 \times 24 = 1728 \text{ hours}$$

(h) 88 days

$$1 \text{ day} = 24 \text{ hours}$$

$$88 \text{ days} = 88 \times 24 = 2112 \text{ hours}$$

(i) 112 days

$$1 \text{ day} = 24 \text{ hours}$$

$$112 \text{ days} = 112 \times 24 = 2688 \text{ hours}$$

(j) 131 days

$$1 \text{ day} = 24 \text{ hours}$$

$$131 \text{ days} = 131 \times 24 = 3144 \text{ hours}$$

(k) 212 days
1 day = 24 hours
212 days = $212 \times 24 = 5088$ hours

(l) 360 days
1 day = 24 hours
360 days = $360 \times 24 = 8640$ hours

2. Convert the following into minutes :

(a) 5 hours 20 minutes
1 hour = 60 min.
5 hours = $5 \times 60 = 300$ min.
5 hours and 20 minutes = $300 + 20 = 320$ min.

(b) 9 hours 25 minutes
1 hour = 60 min.
9 hours = $9 \times 60 = 540$ min.
9 hours 25 minutes = $540 + 25 = 565$ min.

(c) 6 hours 7 minutes
1 hour = 60 min.
6 hours = $6 \times 60 = 360$ min.
6 hours 7 minutes = $360 + 7 = 367$ min.

(d) 7 hours 6 minutes
1 hour = 60 min.
7 hours = $7 \times 60 = 420$ min.
7 hours 6 min = $420 + 6 = 426$ min.

(e) 30 hours 40 minutes
1 hour = 60 min.
30 hours = $30 \times 60 = 1800$ min.
30 hours 40 minutes = $1800 + 40 = 1840$ min.

(f) 45 hours 28 minutes
1 hour = 60 min.
45 hours = $45 \times 60 = 2700$ min.
45 hours 28 min = $2700 + 28 = 2728$ min.

3. Convert the following minutes and seconds to seconds

(a) 5 minutes 30 seconds
1 minute = 60 sec
5 min sec = $5 \times 60 = 300$ sec
5 min 30 sec = $300 + 30 = 330$ sec

(b) 13 minutes 15 seconds
1 minute = 60 sec
13 min = $13 \times 60 = 780$ sec
13 min 15 seconds = $780 + 15 = 795$ sec

- (c) 7 minutes 30 seconds
 1 minute = 60 sec
 $7 \text{ min} = 7 \times 60 = 420 \text{ sec}$
 $7 \text{ min. } 30 \text{ sec} = 420 + 30 = 450 \text{ seconds}$
- (d) 15 minutes 22 seconds
 1 minute = 60 sec
 $15 \text{ min.} = 15 \times 60 = 900 \text{ seconds}$
 $15 \text{ min } 22 \text{ seconds} = 900 + 22 = 922 \text{ seconds}$
- (e) 8 minutes 20 seconds
 1 minute = 60 sec
 $8 \text{ minutes} = 8 \times 60 = 480 \text{ seconds}$
 $8 \text{ min. } 20 \text{ seconds} = 480 + 20 = 500 \text{ seconds}$
- (f) 17 minutes 23 seconds
 1 minute = 60 sec
 $17 \text{ min.} = 17 \times 60 = 1020 \text{ seconds}$
 $17 \text{ min. } 23 \text{ sec} = 1020 + 23 = 1043 \text{ seconds}$

4. Fill in the blanks.

- (a) 10 : 10 a.m. (b) 17 : 25 a.m. (c) 10 : 00 a.m.

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1. Convert the following into days :

- | | |
|---|--|
| <p>(a) 10 months
 1 month = 30 days
 $10 \text{ months} = 10 \times 30$
 $= 300 \text{ days}$</p> <p>(c) 57 months
 1 month = 30 days
 $57 \text{ months} = 57 \times 30$
 $= 1710 \text{ days}$</p> <p>(e) 24 weeks
 1 week = 7 days
 $24 \text{ weeks} = 24 \times 7$
 $= 168 \text{ days}$</p> <p>(g) 15 years
 1 year = 365 days
 $15 \text{ years} = 365 \times 15$
 $= 5475 \text{ days}$</p> | <p>(b) 20 weeks
 1 week = 7 days
 $20 \text{ weeks} = 20 \times 7$
 $= 140 \text{ days}$</p> <p>(d) 35 months
 1 month = 30 days
 $35 \text{ months} = 35 \times 30$
 $= 1050 \text{ days}$</p> <p>(f) 7 years
 1 year = 365 days
 $7 \text{ years} = 365 \times 7$
 $= 2555 \text{ days}$</p> <p>(h) 24 months
 1 month = 30 days
 $24 \text{ months} = 24 \times 30$
 $= 720 \text{ days}$</p> |
|---|--|

- (i) 70 years
1 year = 365 days
70 years = 365×70
= 25550 days

- (j) 15 weeks
1 week = 7 days
15 weeks = 15×7
= 105 days

- (k) 12 months
1 month = 30 days
12 months = 12×30
= 360 days

- (l) 7 years
1 year = 365 days
7 years = 365×7
= 2555 days

2. How many days are there in :

- (a) 31 (b) 31 (c) 31
(d) 30 (e) 31 (f) 30

11.

Measurement

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1. Fill in the blanks

- (a) 18000 (b) 4 (c) 10
(d) 1000 (e) 4000, 4040 (f) 7, 114
(g) 20000, 100 (h) 8, 319

2. Change the following into metres :

- (a) 10 km
1 km = 1000 m
10 km = $10 \times 1000 = 10000$ m
- (b) 15 km
1 km = 1000 m
15 km = $15 \times 1000 = 15000$ m
- (c) 5 km
1 km = 1000 m
5 km = $5 \times 1000 = 5000$ m
- (d) 16 km 62 m
1 km = 1000 m
16 km = $16 \times 1000 = 16000$ m
16 km 62 m = $16000 + 62 = 16062$ m

3. Change the following into centimetres :

- (a) 10 m (b) 71 m 1 cm
1 m = 100 cm 1 m = 100 cm
10 m = 10×100 cm 71 m = 71×100 cm = 7100 cm
= 1000 cm 71 m 1 cm = $7100 + 1 = 7101$ cm

(c) 98 m
 1 m = 100 cm
 98 m = $98 \times 100 = 9800$ cm

(d) 21 m 5 cm
 1 m = 100 cm
 21 m = $21 \times 100 = 2100$ cm
 21 m 5 cm = $2100 + 5 = 2105$ cm

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Add the following.

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 59 \quad 14 \\ + 26 \quad 24 \\ \hline 85 \quad 38 \\ \hline 75 \quad 128 \\ + 28 \quad 275 \\ \hline 103 \quad 403 \\ \hline 71 \quad 48 \\ + 29 \quad 69 \\ \hline 101 \quad 17 \\ \hline \end{array}$$

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 15 \quad 12 \\ + 13 \quad 29 \\ \hline 28 \quad 41 \\ \hline 45 \quad 048 \\ + 48 \quad 345 \\ \hline 93 \quad 393 \\ \hline 59 \quad 89 \\ + 38 \quad 59 \\ \hline 98 \quad 48 \\ \hline \end{array}$$

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 28 \quad 21 \\ + 21 \quad 22 \\ \hline 49 \quad 43 \\ \hline 36 \quad 572 \\ + 72 \quad 236 \\ \hline 108 \quad 808 \\ \hline 68 \quad 75 \\ + 57 \quad 86 \\ \hline 126 \quad 61 \\ \hline \end{array}$$

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 19 \quad 15 \\ + 71 \quad 12 \\ \hline 90 \quad 27 \\ \hline 48 \quad 841 \\ + 39 \quad 040 \\ \hline 87 \quad 881 \\ \hline 92 \quad 23 \\ + 23 \quad 29 \\ \hline 115 \quad 52 \\ \hline \end{array}$$

Subtract the following.

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 78 \quad 159 \\ - 29 \quad 339 \\ \hline 48 \quad 820 \\ \hline 67 \quad 37 \\ - 49 \quad 51 \\ \hline 17 \quad 86 \\ \hline 36 \quad 271 \\ - 12 \quad 410 \\ \hline 23 \quad 861 \\ \hline \end{array}$$

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 67 \quad 349 \\ - 59 \quad 486 \\ \hline 07 \quad 863 \\ \hline 59 \quad 95 \\ - 12 \quad 99 \\ \hline 46 \quad 96 \\ \hline 49 \quad 316 \\ - 27 \quad 371 \\ \hline 21 \quad 945 \\ \hline \end{array}$$

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 96 \quad 135 \\ - 88 \quad 635 \\ \hline 07 \quad 500 \\ \hline 78 \quad 98 \\ - 56 \quad 95 \\ \hline 22 \quad 03 \\ \hline 57 \quad 421 \\ - 21 \quad 375 \\ \hline 36 \quad 046 \\ \hline \end{array}$$

$$\begin{array}{r} \text{m} \quad \text{cm} \\ 57 \quad 312 \\ - 19 \quad 039 \\ \hline 38 \quad 273 \\ \hline 29 \quad 95 \\ - 16 \quad 89 \\ \hline 13 \quad 06 \\ \hline 89 \quad 095 \\ - 78 \quad 858 \\ \hline 10 \quad 237 \\ \hline \end{array}$$

Write the weights shown by these balances in the given space.

5 kg
 2 kg
 4 kg

9 kg
 3 kg
 7 kg

1 kg
 8 kg
 2 kg

Add the following.

$$\begin{array}{r} \text{kg g} \\ 74 \ 141 \\ + 25 \ 735 \\ \hline 99 \ 876 \end{array}$$

$$\begin{array}{r} 54 \ 321 \\ + 95 \ 354 \\ \hline 149 \ 675 \end{array}$$

$$\begin{array}{r} 35 \ 378 \\ + 25 \ 571 \\ \hline 60 \ 949 \end{array}$$

$$\begin{array}{r} \text{kg g} \\ 39 \ 342 \\ + 71 \ 632 \\ \hline 110 \ 974 \end{array}$$

$$\begin{array}{r} 52 \ 474 \\ + 45 \ 212 \\ \hline 97 \ 686 \end{array}$$

$$\begin{array}{r} 96 \ 266 \\ + 27 \ 685 \\ \hline 123 \ 951 \end{array}$$

$$\begin{array}{r} \text{kg g} \\ 82 \ 412 \\ + 12 \ 322 \\ \hline 94 \ 734 \end{array}$$

$$\begin{array}{r} 29 \ 5431 \\ + 52 \ 3271 \\ \hline 81 \ 8702 \end{array}$$

$$\begin{array}{r} 56 \ 475 \\ + 23 \ 396 \\ \hline 79 \ 871 \end{array}$$

$$\begin{array}{r} \text{kg g} \\ 78 \ 435 \\ + 41 \ 325 \\ \hline 119 \ 760 \end{array}$$

$$\begin{array}{r} 96 \ 415 \\ + 71 \ 125 \\ \hline 167 \ 540 \end{array}$$

$$\begin{array}{r} 89 \ 785 \\ + 91 \ 121 \\ \hline 180 \ 906 \end{array}$$

Subtract the following.

$$\begin{array}{r} \text{kg g} \\ 58 \ 471 \\ - 45 \ 363 \\ \hline 13 \ 108 \end{array}$$

$$\begin{array}{r} 82 \ 465 \\ - 67 \ 527 \\ \hline 14 \ 938 \end{array}$$

$$\begin{array}{r} 65 \ 417 \\ - 21 \ 285 \\ \hline 44 \ 132 \end{array}$$

$$\begin{array}{r} \text{kg g} \\ 61 \ 225 \\ - 29 \ 678 \\ \hline 31 \ 547 \end{array}$$

$$\begin{array}{r} 71 \ 635 \\ - 58 \ 325 \\ \hline 13 \ 310 \end{array}$$

$$\begin{array}{r} 52 \ 325 \\ - 28 \ 487 \\ \hline 23 \ 838 \end{array}$$

$$\begin{array}{r} \text{kg g} \\ 85 \ 475 \\ - 52 \ 389 \\ \hline 33 \ 086 \end{array}$$

$$\begin{array}{r} 87 \ 715 \\ - 25 \ 185 \\ \hline 62 \ 530 \end{array}$$

$$\begin{array}{r} 475 \ 12 \\ - 112 \ 57 \\ \hline 362 \ 55 \end{array}$$

$$\begin{array}{r} \text{kg g} \\ 89 \ 195 \\ - 79 \ 452 \\ \hline 09 \ 743 \end{array}$$

$$\begin{array}{r} 35 \ 452 \\ - 18 \ 398 \\ \hline 17 \ 054 \end{array}$$

$$\begin{array}{r} 98 \ 859 \\ - 87 \ 085 \\ \hline 11 \ 774 \end{array}$$

1. Fill in the blanks :

- (a) $5 \text{ l} = 5 \times 1000 \text{ ml} = 5000 \text{ ml}$
 (b) $8 \text{ l } 950 \text{ ml} = 8000 \text{ ml} + 950 \text{ ml} = 8950 \text{ ml}$
 (c) $3 \text{ l } 287 \text{ ml} = 3000 \text{ ml} + 287 \text{ ml} = 3287 \text{ ml}$
 (d) $2862 \text{ ml} = 2 \text{ l } 862 \text{ ml}$
 (e) $9 \text{ l} = 9 \times 1000 \text{ ml} = 9000 \text{ ml}$

2. Convert following into litres and millilitres :

(a) 5000 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\5000 \text{ ml} &= 5 \text{ l}\end{aligned}$$

(c) 7062 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\7062 \text{ ml} &= 7 \text{ l} + 62 \text{ ml} = 7 \text{ l } 62 \text{ ml}\end{aligned}$$

(e) 5014 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\5014 \text{ ml} &= 5 \text{ l} + 14 \text{ ml} \\&= 5 \text{ l } 14 \text{ ml}\end{aligned}$$

(g) 6325 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\6325 \text{ ml} &= 6 \text{ l} + 325 \text{ ml} \\&= 6 \text{ l } 325 \text{ ml}\end{aligned}$$

(i) 4125 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\4125 \text{ ml} &= 4 \text{ l} + 125 \text{ ml} \\&= 4 \text{ l } 125 \text{ ml}\end{aligned}$$

(b) 8562 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\8562 \text{ ml} &= 8 \text{ l} + 562 \text{ ml} \\&= 8 \text{ l } 562 \text{ ml}\end{aligned}$$

(d) 3654 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\3654 \text{ ml} &= 3 \text{ l} + 654 \text{ ml} \\&= 3 \text{ l } 654 \text{ ml}\end{aligned}$$

(f) 9852 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\9852 \text{ ml} &= 9 \text{ l} + 852 \text{ ml} \\&= 9 \text{ l } 852 \text{ ml}\end{aligned}$$

(h) 4785 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\4785 \text{ ml} &= 4 \text{ l } 785 \text{ ml} \\&= 4 \text{ l } 785 \text{ ml}\end{aligned}$$

(j) 8524 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\8524 \text{ ml} &= 8 \text{ l} + 524 \text{ ml} \\&= 8 \text{ l } 524 \text{ ml}\end{aligned}$$

3. Convert the following into millilitres :

(a) 2l

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\2 \text{ l} &= 2 \times 1000 = 2000 \text{ ml}\end{aligned}$$

(c) 18 l

$$\begin{aligned}1 \text{ litre} &= 1000 \\18 \text{ l} &= 18 \times 1000 = 18000 \text{ ml}\end{aligned}$$

(e) 1 l 694 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\1 \text{ l} &= 1 \times 1000 = 1000 \text{ ml} \\1 \text{ l } 694 \text{ ml} &= 1000 + 694 = 1694 \text{ ml}\end{aligned}$$

(g) 2 litre 816 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\2 \text{ l} &= 2 \times 1000 \text{ ml} = 2000 \text{ ml} \\2 \text{ l } 816 \text{ ml} &= 2000 + 816 = 2816 \text{ ml}\end{aligned}$$

(b) 10 l

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\10 \text{ l} &= 10 \times 1000 = 10000 \text{ ml}\end{aligned}$$

(d) 3 l 486 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\3 \text{ l} &= 3 \times 1000 = 3000 \text{ ml} \\3 \text{ l } 486 \text{ ml} &= 3000 + 486 \\&= 3486 \text{ ml}\end{aligned}$$

(f) 5 l 568 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\5 \text{ l } 5 \times 1000 &= 5000 \text{ ml} \\5 \text{ l } 568 \text{ ml} &= 5000 + 568 = 5568 \text{ ml}\end{aligned}$$

(h) 6 l 10 ml

$$\begin{aligned}1 \text{ litre} &= 1000 \text{ ml} \\6 \text{ l} &= 6 \times 1000 = 6000 \text{ ml} \\6 \text{ l } 10 \text{ ml} &= 6000 + 10 = 6010 \text{ ml}\end{aligned}$$

4. Convert the following into litres and millilitres :

(a) 1354 ml

$$1 \text{ l} = 1000 \text{ ml}$$

$$1354 \text{ ml} = 1 \text{ l } 354 \text{ ml}$$

(c) 4016 ml

$$1 \text{ l} = 1000 \text{ ml}$$

$$4016 \text{ ml} = 4 \text{ l } 16 \text{ ml}$$

(e) 5001 ml

$$1 \text{ l} = 1000 \text{ l}$$

$$5001 \text{ ml} = 5 \text{ l } 1 \text{ ml}$$

(g) 2702 ml

$$1 \text{ l} = 1000 \text{ ml}$$

$$2702 \text{ ml} = 2 \text{ l } 702 \text{ ml}$$

(b) 8592 ml

$$1 \text{ l} = 1000 \text{ ml}$$

$$8592 \text{ ml} = 8 \text{ l } 592 \text{ ml}$$

(d) 7206 ml

$$1 \text{ l} = 1000 \text{ ml}$$

$$7206 \text{ ml} = 7 \text{ l } 206 \text{ ml}$$

(f) 9000 ml

$$1 \text{ l} = 1000 \text{ ml}$$

$$9000 \text{ ml} = 9 \text{ l}$$

(h) 2008 ml

$$1 \text{ l} = 1000 \text{ ml}$$

$$2008 \text{ ml} = 2 \text{ l } 8 \text{ ml}$$

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Add the following.

$$\begin{array}{r} \text{ l } \text{ ml} \\ 27 \text{ } 071 \\ + 26 \text{ } 452 \\ \hline 53 \text{ } 523 \end{array}$$

$$\begin{array}{r} 46 \text{ } 274 \\ + 52 \text{ } 263 \\ \hline 98 \text{ } 537 \end{array}$$

$$\begin{array}{r} 58 \text{ } 609 \\ + 63 \text{ } 270 \\ \hline 121 \text{ } 879 \end{array}$$

$$\begin{array}{r} \text{ l } \text{ ml} \\ 48 \text{ } 571 \\ + 27 \text{ } 393 \\ \hline 75 \text{ } 964 \end{array}$$

$$\begin{array}{r} 63 \text{ } 447 \\ + 13 \text{ } 363 \\ \hline 76 \text{ } 810 \end{array}$$

$$\begin{array}{r} 59 \text{ } 352 \\ + 41 \text{ } 553 \\ \hline 100 \text{ } 905 \end{array}$$

$$\begin{array}{r} \text{ l } \text{ ml} \\ 56 \text{ } 371 \\ + 71 \text{ } 221 \\ \hline 127 \text{ } 592 \end{array}$$

$$\begin{array}{r} 82 \text{ } 525 \\ + 46 \text{ } 271 \\ \hline 128 \text{ } 796 \end{array}$$

$$\begin{array}{r} 85 \text{ } 865 \\ + 23 \text{ } 010 \\ \hline 108 \text{ } 875 \end{array}$$

$$\begin{array}{r} \text{ l } \text{ ml} \\ 88 \text{ } 796 \\ + 12 \text{ } 052 \\ \hline 100 \text{ } 848 \end{array}$$

$$\begin{array}{r} 48 \text{ } 683 \\ + 15 \text{ } 151 \\ \hline 63 \text{ } 834 \end{array}$$

$$\begin{array}{r} 23 \text{ } 152 \\ + 12 \text{ } 715 \\ \hline 35 \text{ } 867 \end{array}$$

Subtract the following.

$$\begin{array}{r} \text{ l } \text{ ml} \\ 75 \text{ } 925 \\ - 26 \text{ } 075 \\ \hline 49 \text{ } 850 \end{array}$$

$$\begin{array}{r} 28 \text{ } 285 \\ - 13 \text{ } 485 \\ \hline 14 \text{ } 800 \end{array}$$

$$\begin{array}{r} 76 \text{ } 724 \\ - 14 \text{ } 087 \\ \hline 62 \text{ } 637 \end{array}$$

$$\begin{array}{r} \text{ l } \text{ ml} \\ 58 \text{ } 896 \\ - 35 \text{ } 012 \\ \hline 23 \text{ } 884 \end{array}$$

$$\begin{array}{r} 52 \text{ } 574 \\ - 49 \text{ } 349 \\ \hline 3 \text{ } 225 \end{array}$$

$$\begin{array}{r} 62 \text{ } 679 \\ - 21 \text{ } 196 \\ \hline 41 \text{ } 483 \end{array}$$

$$\begin{array}{r} \text{ l } \text{ ml} \\ 52 \text{ } 132 \\ - 15 \text{ } 796 \\ \hline 36 \text{ } 336 \end{array}$$

$$\begin{array}{r} 74 \text{ } 135 \\ - 24 \text{ } 396 \\ \hline 49 \text{ } 739 \end{array}$$

$$\begin{array}{r} 69 \text{ } 241 \\ - 23 \text{ } 489 \\ \hline 45 \text{ } 752 \end{array}$$

$$\begin{array}{r} \text{ l } \text{ ml} \\ 52 \text{ } 176 \\ - 35 \text{ } 752 \\ \hline 16 \text{ } 424 \end{array}$$

$$\begin{array}{r} 52 \text{ } 296 \\ - 49 \text{ } 610 \\ \hline 2 \text{ } 686 \end{array}$$

$$\begin{array}{r} 74 \text{ } 358 \\ - 56 \text{ } 500 \\ \hline 17 \text{ } 858 \end{array}$$

Word problem

1. Length of wire needed in first house = 6 m 40 cm
 Length of wire needed in second house = 8 m 50 cm
 Length of wire needed in third house = 10 m 85 cm
 Total wire needed = 6 m 40 cm + 8 m 50 cm + 10 m 85 cm
 = 25 m 75 cm **Ans.**

m cm
6 · 40
8 · 50
+ 10 · 85
25 · 75

2. Shopkeeper bought a rope of length = 36 m 48 cm
 and another rope of length = 46 m 82 cm
 Total length = 36 m 48 cm + 46 m 82 cm
 = 83 m 30 cm **Ans.**

m cm
36 · 48
+ 46 · 82
83 · 30

3. Length of red thread = 25 m 54 cm
 Length of green thread = 28 m 12 cm
 Length of white thread = 54 m 36 cm
 Total length of threads = 25 m 54 cm + 28 m 12 cm + 54 m 36 cm
 = 108 m 2 cm
 Total length of the thread on the reel = 108 m 2 cm **Ans.**

m cm
25 · 54
28 · 12
+ 54 · 36
108 · 02

4. Anjali purchased black ribbon = 20 m 36 cm
 green ribbon = 8 m 25 cm
 yellow ribbon = 17 m 80 cm
 Total length of ribbon purchased by Anjali
 = 20 m 36 cm + 8 m 25 cm + 17 m 80 cm
 = 46 m 41 cm **Ans.**

m cm
20 · 36
8 · 25
+ 17 · 80
46 · 41

5. Mohit bought mangoes from one shop = 4 kg 375 g
 and from another shop = 3 kg 685 g
 Total weight of these mangoes = 8 kg 60 g **Ans.**

kg g
4 · 375
+ 3 · 685
8 · 060

6. Meera bought dal = 3 kg 250 g
 rice = 8 kg 550 g
 flour = 15 kg 500 g
 Total weight Meera carry
 = 3 kg 250 g + 8 kg 550 g + 15 kg 500 g
 = 27 kg 300 g **Ans.**

kg g
3 · 250
8 · 550
+ 15 · 500
27 · 300

7. The can contains oil = 3 l 450 ml
 Oil added to the can = 2 l 700 ml
 Now, total oil in the can = 3 l 450 ml + 2 l 700 ml
 = 6 l 150 ml **Ans.**

l ml
3 · 450
+ 2 · 700
6 · 150

8. Total petrol in the car tank = 22 l 000 ml
 Petrol used by car = 6 l 355 ml
 Remains petrol in the car tank = 22 l 000 ml – 6 l 355 ml
 = 15 l 645 ml

l ml
22 · 000
– 6 · 355
15 · 645

9. The bottle contains medicine = 1 l 250 ml
 Medicine given to the patient = 430 ml
 Medicine remains in the bottle = 1 l 250 ml – 430 ml
 = 820 ml

l ml
1 · 250
– 0 · 430
0 · 820

Question 1.

- (a) 340 children got birth in the hospital during the week.
- (b) On Monday 40 children and on Saturday 80 children were born.
- (c) On Saturday, the most children were born.
- (d) On Wednesday, the least children were born.






Question 2.

- (a) There are 8 eight oranges.
- (b) There are seven pears.
- (c) Pineapples are minimum in number.
- (d) Oranges are maximum in number.
- (e) The total number of fruits is twenty eight.






Question 3.

- (a) Eight students brought biscuits.
- (b) Eight students brought chocolates.
- (c) The total number of students which brought ice-cream is six.
- (d) The total number of students in the class are forty two.
- (e) Seven students brought fun flips.







1. In a survey, 81 people votes for their favourite channel available on television, i.e. cartoon network, star plus, etc. Prepare a tally graph for the following.

Channel	Number of People	Tally Graph
	20	
	25	
	17	
	10	
	09	

2. The favourite fruits of Class 3 students are given below. The total strength of the class is 40. Prepare a tally graph for the following.

Fruits	Number of Students	Tally Graph
	10	
	12	
	06	
	08	
	04	

3. In summer vacations, Darshit went to zoo with his family. He saw the following animals. Prepare a tally graph for the following.

Animals	Number of Animals	Tally Graph
	04	
	06	
	02	
	07	
	05	
	09	

□