

|

# **Solution of Math Class 3**

|

## Unit 1

### Whole numbers

**TRY THIS: (page no 03)**

**Write in the roman numbers.**

2=ii

7=vii

16=xvi

20=xx

### EXERCISE 1A

**1. Write the number in front of each roman numeral.**

- a) 10
- b) 13
- c) 4
- d) 18

**2. Write the roman numeral in front of each number.**

- a) Vii
- b) V
- c) Xvi
- d) Xii

**3. Encircle the even numbers and cross the odd numbers.**

A)

Even	Odd
20	7, 45

B)

Even	Odd
34	19, 11

C)

Even	Odd
56, 72	87

D)

Even	Odd
62, 60	93

E)

Even	Odd
78, 58	33

F)

Even	Odd
98, 44	49

### Exercise 1B

**1. Fill in the blanks.**

- a) One
- b) Thousand
- c) Tens
- d) Hundred

**2. Encircle the number in which the place-value of :**

- a) 22543
- b) 28214
- c) 42403
- d) 75104

**3. Write the place value of the digits.**

A)

T th	Th	H	T	O
7	7	2	1	6

B)

T th	Th	H	T	O
1	4	0	1	9

C)

T th	Th	H	T	O
2	8	3	1	5

D)

T th	Th	H	T	O
4	5	3	2	8

E)

T th	Th	H	T	O
5	9	3	4	1

F)

T th	Th	H	T	O
3	6	6	6	6

4. Write the number

A) 98725

T th	Th	H	T	O
90000	8000	700	20	5

B) 49386

T th	Th	H	T	O
40000	9000	300	80	6

C) 53313

T th	Th	H	T	O
50000	3000	300	10	3

### Exercise 1C

Read and write given numbers upto 10,000 in numeral and words.

A)

Th	H	T	O
9	7	3	2

Nine thousand, seven hundred and thirty-two.

B)

T th	Th	H	T	O
1	0	3	5	2

Ten thousand, three hundred and fifty two.

C)

T th	Th	H	T	O
1	2	4	4	3

Twelve thousand, four hundred and forty three.

D)

T th	Th	H	T	O
1	0	2	6	4

Ten thousand, two hundred and sixty four.

E)

T th	Th	H	T	O
1	2	5	2	1

Twelve thousand, five hundred and twenty one.

### Exercise 1D

1. Compare the numbers and put > or < in the box.

- a) <
- b) >
- c) <
- d) >
- e) >
- f) <
- g) >
- h) >
- i) <
- j) <
- k) =
- l) >

2. Arrange the following numbers in ascending order.

- a) 501, 519, 734, 915
- b) 280, 891, 983, 984
- c) 517, 572, 627, 657

3. Arrange the following numbers in descending order.

- a) 816, 816, 381, 163
- b) 319, 310, 198, 193
- c) 520, 501, 401, 205

### TRY THIS (PAGE NO 14)

Round off these numbers up to ten:

- 60 and 90
- 300 and 800

### Unit 02

### Number operations

### TRY THIS ( PAGE NO 21)

Solve these.

a)

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

b)

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

c)

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

d)

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

e)

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

f)

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

g)

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

h)

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

i)

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

j)

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

k)

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

l)

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

Add these.

a)

	Th	H	T	O
	7	8	1	1
+	2	0	0	8
<hr/>				
	9	8	0	9

b)

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

c)

	Th	H	T	O
	3	4	5	3
+	2	3	2	2
<hr/>				
	5	7	7	5

## EXERCISE 2A

1. Solution

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

2. Solution

	Th	H	T	O
	2	2	6	0
+	2	4	2	1
<hr/>				
	4	6	8	1

3. Solution

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

4. Solution

	Th	H	T	O
	3	2	6	8
+	2	9	3	1
<hr/>				
	6	1	9	9

5. Solution

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

## TRY THIS (PAGE NO 28)

Solve the following.

a)

	6	3
-	5	7
<hr/>		
	6	

b)

	8	1
-	3	4
<hr/>		
	4	7

c)

	9	5
-	4	6
<hr/>		
	4	9

## EXERCISE 2D

Arrange in columns and subtracts.

a)

	Th	H	T	O
	3	4	6	2
-	1	2	5	0
<hr/>				
	2	2	1	2

b)

	Th	H	T	O
	3	5	1	4
-	2	3	1	0
<hr/>				
	1	2	0	4

c)

	Th	H	T	O
	4	5	9	1
-	2	0	3	0
<hr/>				
	2	5	6	1

d)

	Th	H	T	O
	6	5	2	9
-	3	0	1	8
<hr/>				
	3	5	1	1

e)

	Th	H	T	O
	2	9	5	4
-	1	6	3	4
<hr/>				
	1	3	2	0

f)

	Th	H	T	O
	7	5	2	8
-	3	2	1	4
<hr/>				
	4	3	1	4

g)

	Th	H	T	O
	1	9	9	9
-	1	5	0	4
<hr/>				
		4	9	5

h)

	Th	H	T	O
	5	7	3	6
-	2	5	1	3
<hr/>				
	3	2	2	3

i)

	Th	H	T	O
	4	7	6	9
-	2	5	1	0
<hr/>				
	2	2	5	9

j)

	Th	H	T	O
	6	9	0	2
-	5	0	0	1
<hr/>				
	1	9	0	1

k)

	Th	H	T	O
	8	3	7	4
-	3	2	5	1
<hr/>				
	5	1	2	3

l)

	Th	H	T	O
	4	6	3	8
-	2	5	3	6
<hr/>				
	2	1	0	2

## STORY PROBLEMS

2. Solution

	Th	H	T	O
	1	5	7	6
-		2	3	4
<hr/>				
	1	3	4	2

3. Solution

	Th	H	T	O
	4	2	4	0
-			3	2
<hr/>				
	4	2	0	8

4. Solution

	Th	H	T	O
	3	1	6	8
-	2	1	0	7
<hr/>				
	1	0	6	1

5. Solution

	Th	H	T	O
	3	9	7	4
-	2	5	3	5
<hr/>				
	1	4	3	9

6. Solution

	Th	H	T	O
	2	6	0	8
-		3	5	2
<hr/>				
	2	2	5	6

## EXERCISE 2C

1. Write the multiplication fact.

a)  $5 \times 3$

b)  $10 \times 5$

c)  $4 \times 7$

d)  $2 \times 9$

2. Fill in the blanks.

a)  $5 \times 4 = 4 \times 5$

b)  $3 \times 1 = 3$

c)  $8 \times 0 = 0$

d)  $10 \times 1 = 10$

3. Using the multiplication tables, find the product.

A)

	7
$\times$	4
<hr/>	
2	8

B)

	6
$\times$	3
<hr/>	
1	8

C)

		6
$\times$	1	0
<hr/>		
6		0

D)

	8
$\times$	2
<hr/>	
1	6

E)



5
× 5
25

F)

10
× 4
40

4. Find the product.

A)

T	O
4	2
×	2
8	4

B)

T	O
3	1
×	3
9	3

C)

T	O
1	2
×	4
4	8

D)

T	O
2	3
×	2
4	6

E)

T	O
1	8
×	4
7	2

F)

T	O
3	5
×	2
7	0

G)

T	O
2	6
×	3
7	8

H)

T	O
1	9
×	4
7	6

I)

T	O	
7	4	
×	5	
3	7	0

J)

T	O	
6	8	
×	4	
2	7	2

**TRY THIS (PAGE NO 42)**

**1. Using the multiplication tables of 7, 8 and 9, fill in the boxes.**

$$5 \times 7 = 35$$

$$6 \times 9 = 54$$

$4 \times 8 = 32$

$8 \times 9 = 72$

$3 \times 7 = 21$

$7 \times 8 = 56$

$5 \times 8 = 4$

$10 \times 9 = 90$

$6 \times 7 = 42$

$7 \times 7 = 49$

$6 \times 8 = 48$

$3 \times 9 = 27$

### EXERCISE 2D

1. Apply the mental mathematics to multiply 1-digit number to 1-digit number and 0.

a) 18

b) 56

c) 6

d) 18

e) 36

f) 72

g) 49

h) 4

i) 30

j) 0

k) 0

l) 0

TRY THIS (PAGE NO 44)

1. Multiply the following.

A)

T	O
1	4
×	2
2	8

B)

T	O
2	3
×	3
6	9

C)

T	O
1	2
×	4
4	8

D)

T	O
3	4
×	2
6	8

E)

T	O
1	6
×	4
6	4

F)

T	O
2	4
×	2
4	8

G)

T	O
2	2
×	3
6	6

H)

T	O
1	0
×	9
9	0

I)

T	O
1	7
×	3
5	1

J)

	T	O
	1	2
x		5
<hr/>		
	6	0

K)

	T	O
	1	3
x		4
<hr/>		
	5	2

L)

	T	O
	2	3
x		1
<hr/>		
	2	3

**2. Find the product.**

A)

H	T	O
	2	4
x		7
<hr/>		
1	6	8

B)

H	T	O
	5	2
x		8
<hr/>		
4	1	6

C)

H	T	O
	6	3
x		9
<hr/>		
5	6	7

D)

H	T	O
	3	8
x		7
<hr/>		
2	6	6

E)

H	T	O
	1	8
x		9
<hr/>		
1	6	2

F)

H	T	O
	4	7
x		8
<hr/>		
3	7	6

G)

H	T	O
	4	5
x		7
<hr/>		
3	1	5

H)

H	T	O
	6	3
x		9
<hr/>		
5	6	7

**EXERCISE 2E**

**Write the division facts.**

Solutions

- 1)  $16 \div 4 = 4$
- 2)  $28 \div 7 = 4$
- 3)  $20 \div 5 = 4$
- 4)  $18 \div 6 = 3$
- 5)  $27 \div 9 = 3$
- 6)  $24 \div 8 = 3$

**EXERCISE 2F**

**Write the division fact**

- 1)  $12 \div 4 = 3$
- 2)  $24 \div 3 = 8$
- 3)  $36 \div 6 = 6$
- 4)  $32 \div 4 = 8$

**EXERCISE 2G**

**1. Using multiplication tables, divide.**

- 1)  $25 \div 5$

- 2)  $42 \div 6 = 7$
- 3)  $56 \div 7 = 8$
- 4)  $64 \div 8 = 8$
- 5)  $15 \div 3 = 5$
- 6)  $54 \div 9 = 6$
- 7)  $30 \div 5 = 6$
- 8)  $56 \div 8 = 7$
- 9)  $36 \div 9 = 6$
- 10)  $36 \div 4 = 9$
- 11)  $32 \div 4 = 8$
- 12)  $72 \div 9 = 8$
- 13)  $50 \div 10 = 5$
- 14)  $72 \div 8 = 9$
- 15)  $45 \div 5 = 9$
- 16)  $28 \div 7 = 4$
- 17)  $27 \div 3 = 9$
- 18)  $54 \div 6 = 9$
- 19)  $35 \div 7 = 5$
- 20)  $60 \div 10 = 6$

**2. Fill in the blanks.**

- 1)  $5 \div 1 = 5$
- 2)  $8 \div 8 = 1$
- 3)  $0 \div 10 = 0$
- 4)  $6 \div 6 = 1$
- 5)  $18 \div 1 = 18$
- 6)  $14 \div 14 = 1$
- 7)  $0 \div 15 = 0$
- 8)  $20 \div 1 = 20$
- 9)  $9 \div 9 = 1$
- 10)  $16 \div 16 = 1$
- 11)  $35 \div 1 = 35$
- 12)  $0 \div 4 = 0$
- 13)  $11 \div 11 = 1$
- 14)  $0 \div 15 = 0$
- 15)  $21 \div 1 = 21$

**3. Check whether the following quotients (Q) are correct. If correct write yes otherwise no.**

- b) yes  
 $5 \times 7 = 35$
- c) No  
 $9 \times 6 = 54$
- d) No  
 $8 \times 9 = 72$
- e) yes  
 $7 \times 8 = 56$

**EXERCISE 2H**

**Workout the following divisions in your notebook and find the remainder and the quotient.**

**1.**

$$\begin{array}{r} 16 \\ 4 \overline{)64} \\ \underline{4} \\ 24 \\ \underline{24} \\ 0 \end{array}$$

**2.**

$$\begin{array}{r} 21 \\ 3 \overline{)63} \\ \underline{63} \\ 0 \end{array}$$

**3.**

$$\begin{array}{r} 30 \\ 3 \overline{)90} \\ \underline{90} \\ 0 \end{array}$$

**4.**

$$\begin{array}{r} 33 \\ 2 \overline{)66} \\ \underline{66} \\ 0 \end{array}$$

**5.**

$$\begin{array}{r} 20 \\ 4 \overline{)80} \\ \underline{80} \\ 0 \end{array}$$

6.

$$\begin{array}{r} 23 \\ 3 \overline{)69} \\ \underline{66} \\ 0 \end{array}$$

7.

$$\begin{array}{r} 31 \\ 3 \overline{)93} \\ \underline{93} \\ 0 \end{array}$$

8.

$$\begin{array}{r} 12 \\ 4 \overline{)48} \\ \underline{48} \\ 0 \end{array}$$

9.

$$\begin{array}{r} 32 \\ 2 \overline{)64} \\ \underline{64} \\ 0 \end{array}$$

10.

$$\begin{array}{r} 30 \\ 2 \overline{)60} \\ \underline{60} \\ 0 \end{array}$$

11.

$$\begin{array}{r} 22 \\ 4 \overline{)88} \\ \underline{88} \\ 0 \end{array}$$

12.

$$\begin{array}{r} 13 \\ 2 \overline{)26} \\ \underline{26} \\ 0 \end{array}$$

13.

$$\begin{array}{r} 28 \\ 2 \overline{)56} \\ \underline{56} \\ 0 \end{array}$$

14.

$$\begin{array}{r} 16 \\ 3 \overline{)48} \\ \underline{48} \\ 0 \end{array}$$

15.

$$\begin{array}{r} 16 \\ 4 \overline{)64} \\ \underline{64} \\ 0 \end{array}$$

### Unit 03

#### Fractions

#### EXERCISE 3A

2. COLOUR THE FIGURES ACCORDING TO THE WRITTEN FRACTIONS.

a)  $\frac{5}{6}$

b)  $\frac{1}{6}$

c)  $\frac{3}{8}$

d)  $\frac{1}{4}$

- e)  $\frac{4}{6}$
- f)  $\frac{1}{2}$
- g)  $\frac{3}{4}$
- h)  $\frac{1}{3}$
- i)  $\frac{4}{5}$

**EXERCISE 3B**

1. Recognize and sort the proper and improper fractions from the fractions given below.

a)

Proper fractions	Improper fractions
$\frac{1}{3}, \frac{1}{5}, \frac{4}{5}$	$\frac{5}{2}, \frac{3}{2}, \frac{7}{5}$

b)

Proper fractions	Improper fractions
$\frac{3}{6}, \frac{2}{3}$	$\frac{3}{2}, \frac{4}{1}, \frac{7}{5}, \frac{4}{4}$

c)

Proper fractions	Improper fractions
$\frac{3}{4}, \frac{1}{8}, \frac{8}{9}$	$\frac{5}{2}, \frac{6}{1}, \frac{5}{5}$

2. Circle the proper fraction.

- a)  $\frac{4}{5}$
- b)  $\frac{2}{4}, \frac{1}{2}$
- c)  $\frac{1}{3}, \frac{3}{4}, \frac{3}{4}$

**EXERCISE 3C**

1. Write the equivalent fractions according to the coloured part.

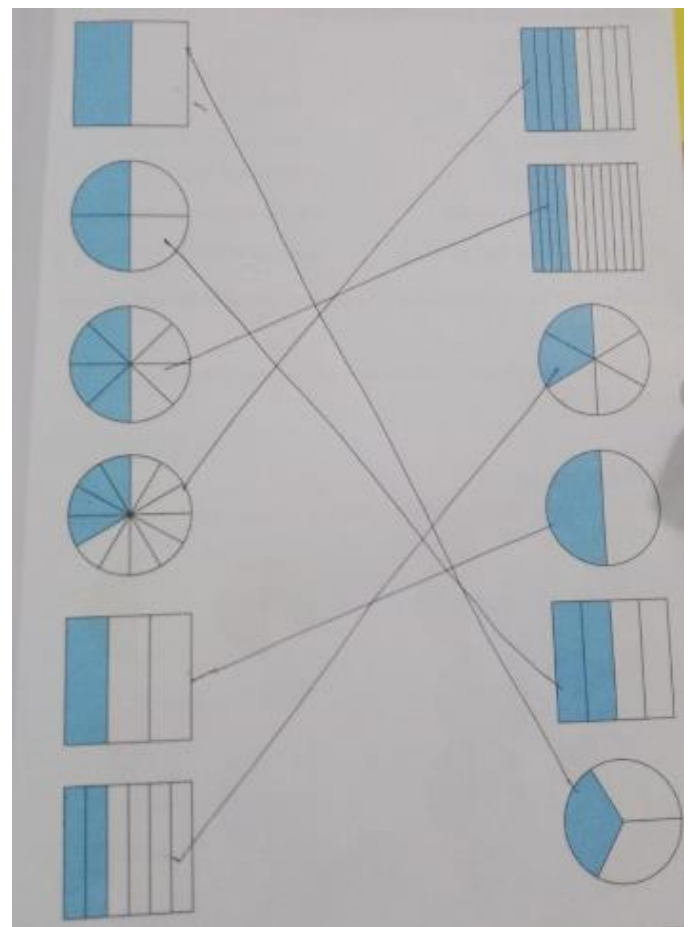
- a)  $\frac{1}{2} = \frac{2}{4}$
- b)  $\frac{4}{8} = \frac{1}{2}$

c)  $\frac{3}{4} = \frac{6}{8}$

3. Find 3 equivalent fractions.

- a)  $\frac{2}{8}, \frac{3}{12}, \frac{4}{16}$
- b)  $\frac{4}{6}, \frac{6}{9}, \frac{8}{12}$
- c)  $\frac{2}{12}, \frac{3}{18}, \frac{4}{24}$
- d)  $\frac{4}{10}, \frac{6}{15}, \frac{8}{20}$

4. Draw lines to match equivalent fractions:



**EXERCISE 3D**

1. Write < (Smaller than), > (greater than) or = (equal to) for the given fractions.

- a)  $\frac{1}{4} < \frac{2}{4}$
- b)  $\frac{5}{6} > \frac{3}{6}$

c)  $\frac{2}{8} < \frac{4}{8}$   
 d)  $\frac{3}{4} > \frac{1}{4}$

2.

a)  $\frac{3}{4} > \frac{1}{4}$   
 b)  $\frac{4}{6} < \frac{5}{6}$   
 c)  $\frac{5}{8} = \frac{5}{8}$   
 d)  $\frac{1}{2} = \frac{1}{2}$

TRY THIS (PAGE NO 71)

- a) <  
 b) <  
 c) >  
 d) >  
 e) <  
 f) <

4. Compare each fraction using <, > or

=.

a)  $\frac{5}{8} > \frac{2}{8}$   
 b)  $\frac{3}{5} > \frac{2}{5}$   
 c)  $\frac{3}{13} < \frac{11}{13}$   
 d)  $\frac{7}{11} < \frac{10}{11}$   
 e)  $\frac{17}{27} > \frac{7}{27}$   
 f)  $\frac{5}{17} = \frac{5}{17}$   
 g)  $\frac{3}{14} < \frac{5}{14}$   
 h)  $\frac{5}{8} > \frac{3}{8}$   
 i)  $\frac{1}{8} < \frac{2}{8}$   
 j)  $\frac{7}{8} = \frac{7}{8}$

EXERCISE 3E

1. Add the given fractions.

a)  $\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$   
 b)  $\frac{3+2}{6} = \frac{5}{6}$   
 c)  $\frac{4}{9}$

d)  $\frac{2}{4}$

EXERCISE 3F

1. Subtract.

a)  $\frac{9}{13} - \frac{5}{13} = \frac{4}{13}$   
 b)  $\frac{3-1}{11} = \frac{2}{11}$   
 c)  $\frac{2}{17}$   
 d)  $\frac{4}{15}$   
 e)  $\frac{4}{22}$   
 f)  $\frac{2}{11}$

2. Fill in the blanks.

a)  $\frac{17}{15} - \frac{13}{15} = \frac{4}{15}$   
 c)  $\frac{8}{11} - \frac{6}{11} = \frac{2}{11}$   
 e)  $\frac{12}{13} - \frac{7}{13} = \frac{5}{13}$

3. Using the figures fill in the blanks.

1.  $\frac{3-2}{8} = \frac{1}{8}$   
 2.  $\frac{3-2}{5} = \frac{1}{5}$   
 3.  $\frac{8-5}{12} = \frac{3}{12}$   
 4.  $\frac{6-4}{7} = \frac{2}{7}$   
 5.  $\frac{5-2-2}{8} = \frac{1}{8}$   
 6.  $\frac{2+3+5}{13} = \frac{10}{13}$

Unit 04

Measurements: length, mass and capacity

TRY THIS (PAGE NO 80)

- a) cm  
 b) m  
 c) m  
 d) cm  
 e) cm

TRY THIS (PAGE NO 81)

**1. Tick the correct answer.**

1. Less
2. More
3. Cm
4. More
5. More

**2. Simplify.**

ii.

	m	cm
	1	30
+		12
	1	42cm

iii.

	4	2	4m
+	1	5	0m
	5	7	4m

iii.

	km	m
	2	4
+ 2	0	0
	2	4 m

**3. Add the following.**

1.

	200m
+	500m
	700m

2.

	421m
+	521m
	942m

3.

	654m
+	333m
	987m

4.

	700km
+	220km
	920km

5.

	48cm
+	51cm
	99cm

6.

	330cm
+	200cm
	530cm

7.

	1480m
+	4319m
	5799m

8.

	61m
+	22m
	83m

**REAL LIFE PROBLEMS. (PAGE NO 83)**

2. solution

	700m
+	145m
	845m

**TRY THIS ( PAGE NO 83)**

1.

	70cm
+	20cm
	90cm

2.

	1545m
+	6052m
	7597m

3.



The length of AB = 2cm

The length of BC = 2cm

The length of CD = 2cm

The length of AB+BC+CD = 6cm

#### EXERCISE 4A

1. Solve the following.

ii.

	45cm
-	30cm
	15cm

iii.

	588m
-	233m
	355m

iv.

	250m
-	150m
	100m

#### TRY THIS (PAGE NO 85)

1. Sana, 2km

Solution

	12km
+	10km
	2km

2. 11 cm

Solution

	97cm
-	86cm
	11cm

#### EXERCISE 4B

1) solve these.

1.

	1	6	0	g
+		3	5	g
	1	9	5	g

2.

	4	5	0	g
+	2	0	0	g
	2	5	0	g

3.

	4	4	0	g
+		2	2	g
	4	6	2	g

#### Real life problems.

1. solution

	7	9	0	g
-	2	7	0	g
	5	2	0	g

2. solution

	8	0	kg
-	4	0	kg
	4	0	kg

3. How much more is to be added to the following to make it equal to 500gs.

- a) 400g
- b) 300g
- c) 200g
- d) 100g

4. how much more is to be added to make it 1000g.

- a) 700g

b) 600g

c) 500g

d) 300g

5. Which is heavier?

a) 500g

b)  $5 \times 50 = 250\text{g}$

c) 1kg

d)  $6 \times 20 = 120\text{g}$

**TRY THIS (PAGE NO 89)**

1. Less

2. Less

**TRY THIS (PAGE NO 90)**

1.

	2	3	0	
+	1	4	0	
	3	7	0	

2.

	5	0	0	ml
+	3	4	0	ml
	8	4	0	ml

2. Solve the following.

a) solution

	4	5	0	ml
+	4	4	0	ml
	8	9	0	ml

b) solution

		5	0	ml
+	6	4	0	ml
	6	9	0	ml

c) solution

	8	0	0	0	
+	1	2	3	5	
	9	2	3	5	

d)

	7	8	2	ml
+	2	0	6	ml
	9	8	8	ml

e)

	1	0	4	0	ml
+		6	0	0	ml
	1	6	4	0	ml

f)

	7	0	0	ml
+	2	2	2	ml
	9	2	2	ml

g)

	2	3	8	5	ml
+	4	2	1	0	ml
	6	5	9	5	ml

h)

	4	8	9	ml
+	2	0	0	ml
	6	8	9	ml

**LIFE PROBLEMS**

2. solution

	2	0	0	ml
+	7	0	0	ml
	9	0	0	ml

3. solution

	3	
+	2	
	5	

**TRY THIS ( PAGE NO 92)**

a)

	7	6	0	ml
-	5	0	0	ml
	2	6	0	ml

b)

	6	6	4	ml
-	6	0	0	ml
		6	4	ml

c)

	4	3	9	ml
-	2	2	7	ml
	2	1	2	ml

d)

	5	6	3	ml
-	3	5	3	ml
	2	1	0	ml

e)

	4	5	0	0	
-	3	4	2	0	
	2	0	8	0	

f)

	6	4	3	ml
-	5	0	0	ml
	1	4	3	ml

g)

	4	5	9	ml
-	3	0	0	ml
	1	5	9	ml

h)

	7	7	7	ml
-	6	0	0	ml
	1	7	7	ml

**EXERCISE 4C**

1. solution

	5	5	
-		2	
	5	3	

2. solution

	6	5	5	ml
-	3	0	0	ml
	3	5	5	ml

**Unit 05**

**Measurement : time**

**TRY THIS ( PAGE NO 99)**

1. Write a.m. Or p.m. For the below mentioned task.

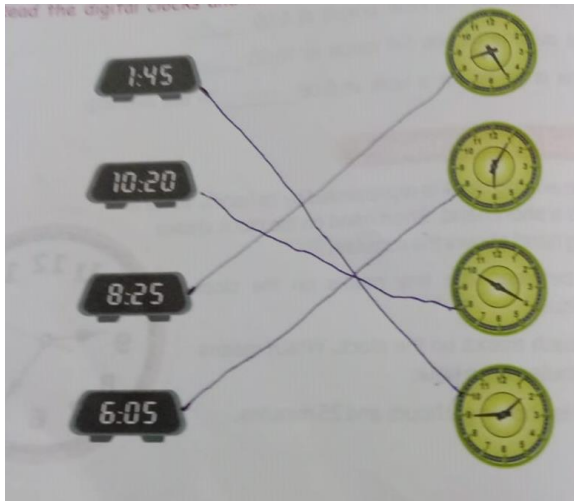
- a) pm
- b) am
- c) pm
- d) pm
- e) pm

**TRY THIS ( PAGE NO 100)**

2. Read the time statements and tick on a.m. Or p.m. Accordingly.

- a) am
- b) am
- c) am
- d) pm
- e) pm
- f) pm

3. Read the digital clocks and match its time with the analog clock.

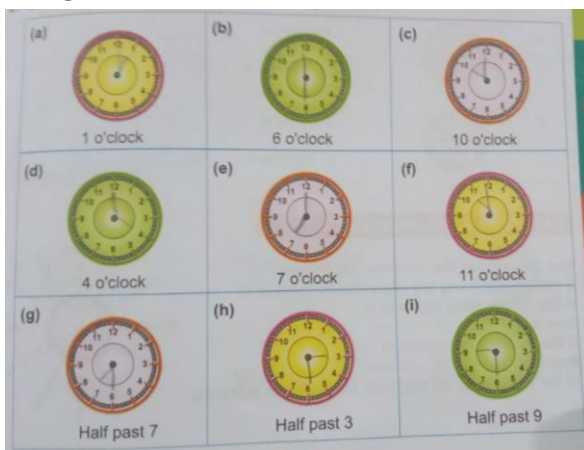


**EXERCISE 5A**

1. Write the numbers at which the hands would point at a given time.

	Hour hand	Minute hand
a)	3	12
b)	5	12
c)	6	12
d)	9	12
e)	8	12
f)	7	12
g)	10	12
h)	4	12

2. Draw hands of the clock to show the given time:



3. Read write from the analog clock.

2. eleven fifteen

Quarter past eleven

3. eight fifteen

Quarter past eight

4. six fifteen

Quarter past six

**EXERCISE 5B**

1. Write down the time on the clock in two ways.

a) 1:55

5 minutes to 2

b) 6:50

10 minutes to 7

c) 2:35

25 minutes to 3

d) 2:25

25 past 2

e) 5:10

10 past 5

f) 9:45

quarter to 10

g) 4:20

20 past 4

h) 5:40

20 minutes to 6

i) 11:20

20 past 11

2.

a)



b)



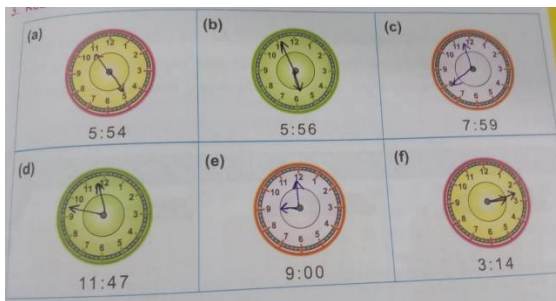
c)



d)



3. Read the time and draw hands on the clocks:



4. Read and write the time.

- I. 5:30
- II. 12:20
- III. 2:13
- IV. 9:00
- V. 6:38
- VI. 12:54

5. Fill in the blanks.

- a) January
- b) June
- c) December
- d) July
- e) Shaban
- f) February
- g) September
- h) Zul-hajjah

6. Look at the calendar given on the page 106 of the book and fill in the blanks.

- a) No

- b) Friday
- c) Friday
- d) 4
- e) 4
- f) 6

**EXERCISE 5C**

1. Add the following.

a)

	6	hours
+	3	hours
	9	hours

b)

	5	hours
+	3	hours
	8	hours

c)

	6	hours
+	2	hours
	8	hours

d)

	10	hours
+	12	hours
	22	hours

e)

	11	hours
+	08	hours
	19	hours

f)

	14	hours
+	10	hours
	24	hours

g)

	16	hours
+	02	hours
	18	hours

h)

	20	hours
--	----	-------

+	03	hours
	23	hours

i)

	16	hours
+	03	hours
	19	hours

j)

	12	hours
+	06	hours
	18	hours

k)

	13	hours
+	04	hours
	17	hours

l)

	11	hours
+	11	hours
	22	hours

2. solution

	10	hours
+	08	hours
	18	hours

3. solution

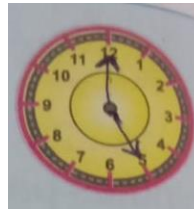
	7	hours
+	8	hours
	15	hours

4. solution

	9	hours
+	5	hours
	14	hours

5.

a)



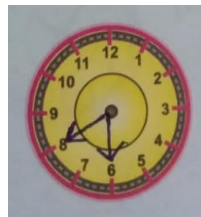
b)



c)



d)



### EXERCISE 5D

1. solve the following.

a)

	8	hours
-	4	hours
	4	hours

b)

	4	hours
-	3	hours
	1	hours

c)

	5	hours
-	1	hours
	4	hours

d)

15	hours
- 14	hours
01	hours

e)

21	hours
- 11	hours
10	hours

f)

14	hours
- 02	hours
12	hours

g)

19	hours
- 12	hours
07	hours

h)

24	hours
- 13	hours
11	hours

i)

19	hours
- 06	hours
13	hours

j)

16	hours
- 06	hours
10	hours

k)

23	hours
- 12	hours
11	hours

l)

15	hours
- 11	hours
04	hours

**TRY THIS (PAGE NO 112)**

1. solution

5	hours
- 2	hours
3	hours

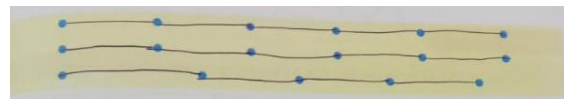
2. solution

14	hours
- 10	hours
04	hours

3. solution

15	hours
- 12	hours
03	hours

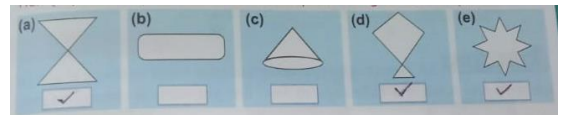
**1. Draw some sleeping lines by joining the dots:**



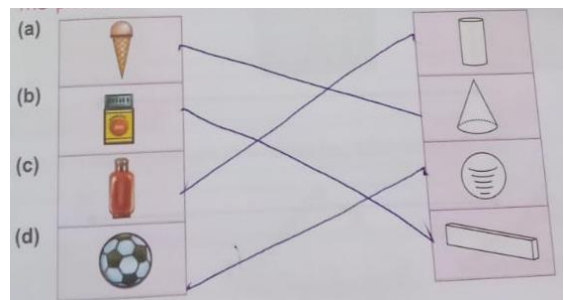
**2. Draw some slanting lines by joining the dots:**



**3. Tick (✓) the shapes which are made up of straight lines only:**



**4. Join the pictures with their correct shapes:**



**Unit 06**

**Geometry**

**TRY THIS ( PAGE NO 120)**

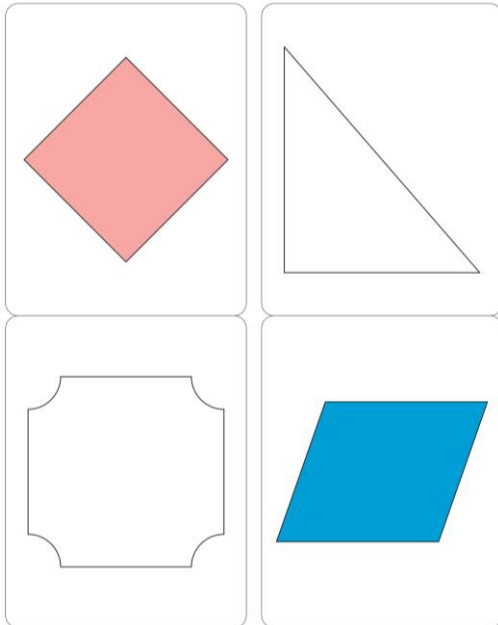
**Identify and name the followings as line, line segment or ray.**

a) Ray

- b) Line
- c) Line segment

Try This (Page 122)

1. Colour the quadrilaterals from the shapes given below:



**EXERCISE 6A**

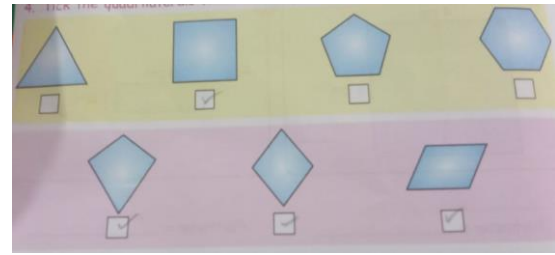
1. Find the perimeter.

- a) 14cm
- b) 15cm
- c) 18cm
- d) 10cm
- e) 9cm
- f) 8cm
- g) 16cm
- h) 8cm

3. Identify and name the followings.

- a) Line segment
- b) Line
- c) Ray
- d) ray

4. Tick the quadrilaterals from the shapes given below:



5. Find perimeter of the given figures.

a)

Line segment AB = 3

Line segment BD = 3

Line segment DC = 3

Line segment CA = 3

Perimeter = 12

b)

Line segment PQ = 4

Line segment QS = 2

Line segment SR = 4

Line segment RP = 2

Perimeter = 12

c)

Line segment JK = 2

Line segment KL = 4

Line segment LJ = 4

Perimeter = 10

d)

Line segment MN = 3

Line segment NO = 3

Line segment OM = 3



Perimeter =9

**TRY THIS (PAGE NO 134)**

**Look at the following shapes and fill in the blanks.**

**a)**

It is a cube.

It has 6 faces.

It has 12 edges.

**b)**

It is a pyramid.

It has 5 faces.

It has 8 edges.

**c)**

It is a cuboid.

It has 6 faces.

It has 12 edges.

**Unit 07**

**Data Representation**

**EXERCISE 7A**

**1. Complete the following table :**

	Name	Weight
1.	Noor	31
2.	Saqib	37
3.	Moiz	34
4.	Sara	34
5.	Ahmed	36
6.	Rabiya	33
7.	Daniyal	37
8.	Adeel	32
9.	Anum	38
10.	Irfan	34

**2. Now answer the following questions.**

1. 3
2. Anum
3. Noor
4. Moiz
5. 4

**4. Sort out the fruits and vegetables.**

	Red	Not red
Fruits		
Vegetables		

**5. Fill these numbers into the Carroll diagram.**

	Odd	Not odd
Multiple of 3		
Not multiple of 3		+++

**6. Here are the colours of 40 cars in the school car parking.**

**a) copy and complete the tally chart given below.**

Colour of car	Tally
Red	+++ +++
Blue	+++ +++
Green	
White	+++
Silver	
Black	

b) red

c) black

**7. Use the given tally chart and answer the questions.**

- a) 31
- b) Monday
- c) 4
- d) Wednesday
- e) 4
- f) Saturday
- g) Thursday
- h) 21
- i) Thursday
- j) 22

**PICTURE GRAPH**

1.

- a) Horse
- b) Four
- c) Chicken
- d) Duck
- e) 15

2.

- a) 1 tree
- b) 13
- c) Week 1, 6
- d) Week 2

### **EXERCISE 7B**

**1. Read the pictograph and answer the questions.**

- a) 20
- b) Duck and teddy
- c) Horse, 5
- d) 10