

New Era Public Schoolclass: 2ndSubject: Mathematics A/B Session: 2022Solved Assignment of Unit IITopic: AdditionChapter no: 02Exercise 2.1Q-1 Add the following.(Note-bookwork)

(a) 5 tens 6 ones

(b) 4 tens 3 ones

and

and

2 tens 3 ones

4 tens 5 ones

Ans T O

Ans T O

5 6

4 3

+ 2 3

+ 4 5

7 98 8(Do part 'C' yourself)Q-2. Arrange the given addends in columns and find their sum.(Bookwork)

(a) 63 and 35

(b) 39 and 50

Ans

T	O	
6	3	↑
3	5	
9	8	→ Sum

↑ Addends

Ans.

T	O
3	9
+	5 0
8	9

Q-3. Fill in the blanks.(Bookwork)(a) $45 + 32 = \boxed{7}$ tens $\boxed{7}$ ones.(c) $34 + 56 = 56 + \boxed{34}$ (d) $43 + \boxed{23} = 23 + 43$ (Do part 'b' yourself.)

Exercise 2.2Q-1 Fill in the blanks.(Bookwork)

(a) $50 + 12 + 16 = \boxed{7} \text{ tens } \boxed{8} \text{ ones}$

(b) $13 + 12 + 14 = \boxed{3} \text{ tens } \boxed{9} \text{ ones}$

(Do rest of parts yourself)Q-2. Find the sum.(note. bookwork)

(a) $32 + 16 + 20$

$$\begin{array}{r} \text{Ans} \quad \text{T} \quad \text{O} \\ 32 \\ + 16 \\ \hline 48 \end{array} \quad \begin{array}{r} \text{T} \quad \text{O} \\ 48 \\ + 20 \\ \hline 68 \end{array}$$

$32 + 16 + 20 = 68$

(b) $54 + 13 + 20$

$$\begin{array}{r} \text{Ans} \quad \text{T} \quad \text{O} \\ 54 \\ + 13 \\ \hline 67 \end{array} \quad \begin{array}{r} \text{T} \quad \text{O} \\ 67 \\ + 20 \\ \hline 87 \end{array}$$

$54 + 13 + 20 = 87$

Q-3. Arrange the given addends in columns and find their sum.(Bookwork)

(a) $12 + 52 + 32$

$$\begin{array}{r} \text{Ans} \quad \text{T} \quad \text{O} \\ 12 \\ + 52 \\ \hline 64 \end{array} \quad \begin{array}{r} \text{T} \quad \text{O} \\ 64 \\ + 32 \\ \hline 96 \end{array}$$

Answer 96

(b) $32 + 15 + 40$

$$\begin{array}{r} \text{Ans} \quad \text{T} \quad \text{O} \\ 32 \\ + 15 \\ \hline 47 \end{array} \quad \begin{array}{r} \text{T} \quad \text{O} \\ 47 \\ + 40 \\ \hline 87 \end{array}$$

Answer 87Exercise 2.3(Bookwork)Q-1. Fill in the boxes.

$$\begin{aligned} \text{(a)} \quad 4 \text{ tens} + 18 \text{ ones} &= 4 \text{ tens} + \boxed{1} \text{ ten} + \boxed{8} \text{ ones} \\ &= \boxed{5} \text{ tens} + \boxed{8} \text{ ones} \end{aligned}$$

$$\begin{aligned} \text{(b)} \quad 5 \text{ tens} + 15 \text{ ones} &= 5 \text{ tens} + \boxed{1} \text{ ten} + \boxed{5} \text{ ones} \\ &= \boxed{6} \text{ tens} + \boxed{5} \text{ ones} \end{aligned}$$

Do rest of parts yourself

P.T.O

Q.2 write in tens and ones and find the numbers.

(a) 2 tens + 18 ones = $\boxed{3}$ tens + $\boxed{8}$ ones = $\boxed{38}$

(b) 6 tens + 21 ones = $\boxed{8}$ tens + $\boxed{1}$ one = $\boxed{81}$

(Do rest of parts yourself.)

Exercise 2.4

Q.1. Find the sum of the following.

(Book work)

i) T O	(ii) T O	(iii) T O	(iv) T O
① 3 7	① 6 8	① 7 7	① 4 9
+ 2 5	+ 1 9	+ 1 4	+ 4 5
<u>6 2</u>	<u>8 7</u>	<u>9 1</u>	<u>9 4</u>

(Do rest of parts yourself.)

(Note-bookwork) Exercise 2.5 (word problems)

Q.1. Nisha distributed 69 toffees among the students and 26 toffees among the teachers. How many toffees did she distribute in all?

Ans. No. of toffees distributed by Nisha among the students = 69.

No. of toffees distributed among the teachers = 26

∴ The no. of toffees she distributed in all = 95

$$\begin{array}{r} \text{T O} \\ \text{① } 69 \\ + 26 \\ \hline 95 \end{array}$$

Q.2. A vegetable seller has 39 potatoes and 28 tomatoes. How many vegetables he has in all?

Ans No. of potatoes a vegetable seller has = 39.

No. of tomatoes he has = 28

∴ Total no. of vegetables he has in all = 67

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

Q.3. Rohit has 62 rupees in his piggy bank, and Rupa has 29 rupees more than what Rohit has. How much amount Rupa has in her piggy bank?

Ans No. of rupees Rohit has in his piggy bank = 62

No. of rupees Rupa has more than what Rohit has = 29.

∴ The total amount that Rupa has in her piggy bank = 91.

$$\begin{array}{r} \textcircled{1} \quad \begin{array}{r} \text{T} \quad 0 \\ 6 \quad 2 \\ + 2 \quad 9 \\ \hline 9 \quad 1 \end{array} \end{array}$$

Q.4. Pooja collected 52 seashells and her friend collected 39 seashells. How many seashells do they have altogether?

Ans. No. of seashells collected by Pooja = 52.

No. of seashells collected by her friend = 39.

∴ Total no. of seashells that they have altogether = 91

$$\begin{array}{r} \textcircled{1} \quad \begin{array}{r} \text{T} \quad 0 \\ 5 \quad 2 \\ + 3 \quad 9 \\ \hline 9 \quad 1 \end{array} \end{array}$$

Q-5. Riya made 40 candles and her friend made 46 candles. How many candles did they make together?

Ans. No. of candles made by Riya = 40

No. of candles made by her friend = 46.

$\therefore$ Total no. of candles they made together = 86

$$\begin{array}{r} \text{T} \quad 0 \\ 04 \quad 0 \\ + 4 \quad 6 \\ \hline 8 \quad 6 \end{array}$$

(Note-book work)

Exercise 2.6

word problems

Q-1. Beena has 36 blue marbles, 34 black marbles, and 29 red marbles. How many marbles does she have in all?

Ans. No. of blue marbles Beena has = 36

No. of black marbles Beena has = 34

No. of red marbles Beena has = 29

$\therefore$ Total no. of marbles she has in all = 99

$$\begin{array}{r} \text{T} \quad 0 \\ \textcircled{1} 3 \quad 6 \\ \quad 3 \quad 4 \\ + 2 \quad 9 \\ \hline 9 \quad 9 \end{array}$$

Q-2. Mishra has scored 27 marks, Meetu has scored 30 marks, and Riya has scored 25 marks in the maths test. What is the total of their marks?

Ans. No. of marks Mishra has scored = 27

No. of marks Meetu has scored = 30

No. of marks Riya has scored = 25.

$\therefore$ Total no. of their marks = 82.

$$\begin{array}{r}
 \text{T } 0 \\
 \textcircled{1} \quad 3 \quad 7 \\
 \quad 3 \quad 0 \\
 + \quad 2 \quad 5 \\
 \hline
 \quad 8 \quad 2
 \end{array}$$

Q-3. In a park, there were 25 neem trees, 34 peepal trees, and 4 flowering trees. How many trees were there in the park?

Ans. No. of neem trees in a park = 25

No. of peepal trees in a park = 34

No. of flowering trees in a park = 4

$\therefore$ Total no. of trees in a park were = 63

$$\begin{array}{r}
 \text{T } 0 \\
 \textcircled{1} \quad 2 \quad 5 \\
 \quad 3 \quad 4 \\
 + \quad 4 \\
 \hline
 \quad 6 \quad 3
 \end{array}$$

Q-4. In Rahul's birthday party, there are 15 women, 25 men, and 45 children. How many people are there in the party?

Ans. No. of women in Rahul's birthday party = 15.

No. of men in Rahul's birthday party = 25

No. of children in Rahul's birthday party = 45.

$\therefore$ Total no. of people in the party = 85

$$\begin{array}{r}
 \text{T } 0 \\
 \textcircled{1} \quad 1 \quad 5 \\
 \quad 2 \quad 5 \\
 + \quad 4 \quad 5 \\
 \hline
 \quad 8 \quad 5
 \end{array}$$

Topic: PatternsChapter no: 13BookworkExercise 13.1Q.1 Join the dots and continue the patterns.

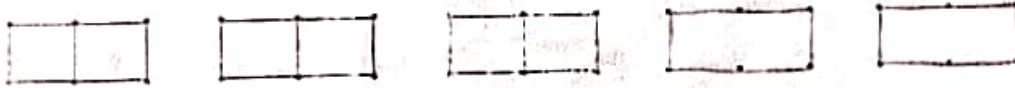
(a)



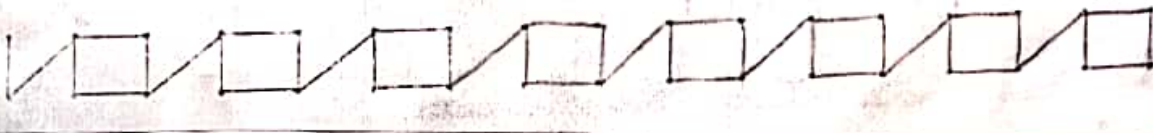
(b)



(c)

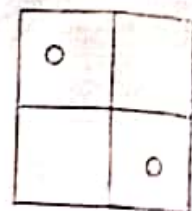
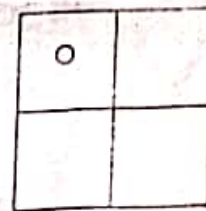
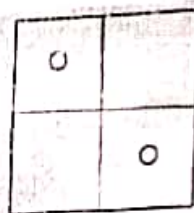
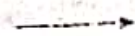
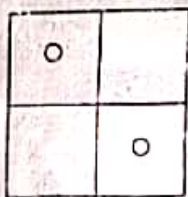


(d)

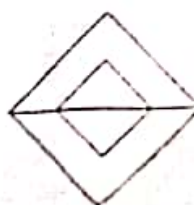
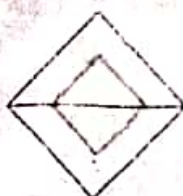
Q.2. Complete the given patterns.(a) ABB ACC ADD AEE AFF AGG AHH AII(b) AB AC AD AE AF AG AH(c) C1 C2 C3 C4 C5 C6 C7(Do rest of parts yourself).

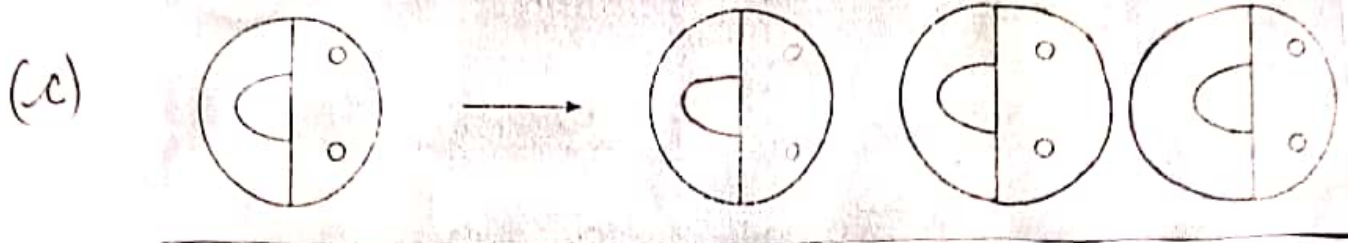
Q.3. Complete the figures so that they look like the first one.

(a)

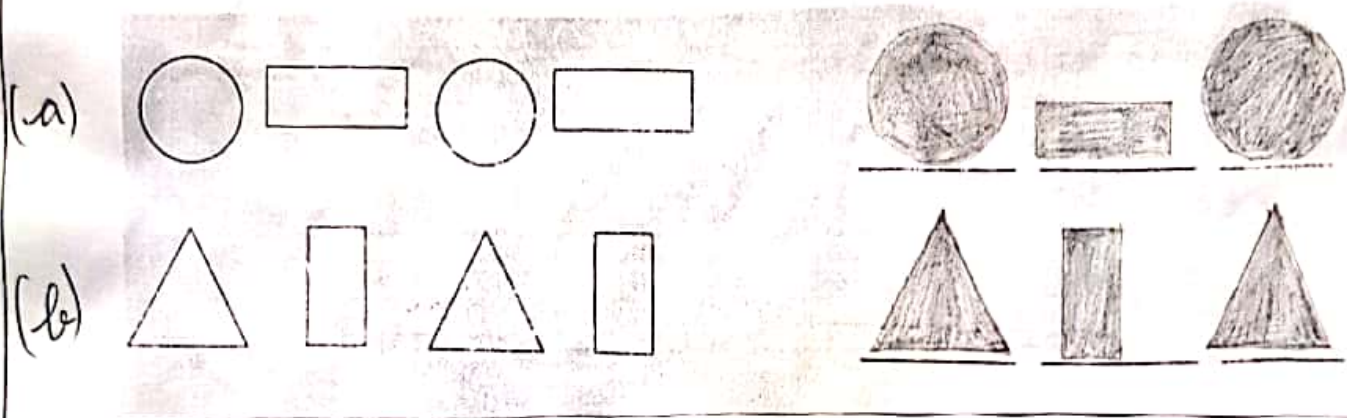


(b)





Q.4. Draw the next three shapes to continue the patterns and colour them.



(Do rest of parts yourself)

Q.5. Look at the patterns and continue the sequence

- (a) 46, 48, 50, 52, 54, 56, 58
 (b) 136, 146, 156, 166, 176, 186, 196
 (c) 99, 98, 97, 96, 95, 94, 93
 (d) 110, 120, 130, 140, 150, 160, 170
 (e) 330, 340, 350, 360, 370, 380, 390

(Do rest of parts yourself)

Q.6. Form three number patterns of your own choice.

- (a) 1, 3, 5, 7, 9, 11
 (b) 15, 19, 23, 27, 31, 35
 (c) 3, 5, 8, 12, 17, 23

Table of 4

$$\begin{array}{l}
 4 \times 1 = 4 \\
 4 \times 2 = 8 \\
 4 \times 3 = 12 \\
 4 \times 4 = 16 \\
 4 \times 5 = 20 \\
 4 \times 6 = 24 \\
 4 \times 7 = 28 \\
 4 \times 8 = 32 \\
 4 \times 9 = 36 \\
 4 \times 10 = 40 \\
 4 \times 11 = 44 \\
 4 \times 12 = 48 \\
 4 \times 13 = 52 \\
 4 \times 14 = 56 \\
 4 \times 15 = 60 \\
 4 \times 16 = 64 \\
 4 \times 17 = 68 \\
 4 \times 18 = 72 \\
 4 \times 19 = 76 \\
 4 \times 20 = 80
 \end{array}$$

Dodging Table of 4

$$\begin{array}{l}
 4 \times 4 = 16 \\
 4 \times 7 = 28 \\
 4 \times 11 = 44 \\
 4 \times 19 = 76 \\
 4 \times 1 = 4 \\
 4 \times 15 = 60 \\
 4 \times 3 = 12 \\
 4 \times 10 = 40 \\
 4 \times 9 = 36 \\
 4 \times 5 = 20 \\
 4 \times 12 = 48 \\
 4 \times 2 = 8 \\
 4 \times 16 = 64 \\
 4 \times 20 = 80 \\
 4 \times 6 = 24 \\
 4 \times 17 = 68 \\
 4 \times 14 = 56 \\
 4 \times 8 = 32 \\
 4 \times 13 = 52 \\
 4 \times 18 = 72
 \end{array}$$

Table of 5

$$\begin{array}{l}
 5 \times 1 = 5 \\
 5 \times 2 = 10 \\
 5 \times 3 = 15 \\
 5 \times 4 = 20 \\
 5 \times 5 = 25 \\
 5 \times 6 = 30 \\
 5 \times 7 = 35 \\
 5 \times 8 = 40 \\
 5 \times 9 = 45 \\
 5 \times 10 = 50 \\
 5 \times 11 = 55 \\
 5 \times 12 = 60 \\
 5 \times 13 = 65 \\
 5 \times 14 = 70 \\
 5 \times 15 = 75 \\
 5 \times 16 = 80 \\
 5 \times 17 = 85 \\
 5 \times 18 = 90 \\
 5 \times 19 = 95 \\
 5 \times 20 = 100
 \end{array}$$

Dodging Table of 5

$$\begin{array}{l}
 5 \times 3 = 15 \\
 5 \times 10 = 50 \\
 5 \times 5 = 25 \\
 5 \times 17 = 85 \\
 5 \times 14 = 70 \\
 5 \times 9 = 45 \\
 5 \times 20 = 100 \\
 5 \times 15 = 75 \\
 5 \times 1 = 5 \\
 5 \times 4 = 20 \\
 5 \times 18 = 90 \\
 5 \times 7 = 35 \\
 5 \times 19 = 95 \\
 5 \times 6 = 30 \\
 5 \times 8 = 40 \\
 5 \times 2 = 10 \\
 5 \times 11 = 55 \\
 5 \times 16 = 80 \\
 5 \times 12 = 60 \\
 5 \times 13 = 65
 \end{array}$$

Maths 'B'

Note-Bookwork.

Q.1. Draw and define a Triangle.

Ans. A Triangle is a plane shape.
It has 3 corners and 3 sides.
Its sides may or may not be equal. Example, An Arrowhead.



Q.2. Draw and define a Sphere.

Ans. A Sphere is round in shape.
It has one curved surface.
Example., Melon.

