

NEW ERA PUBLIC SCHOOL

RAJBAGH SRINAGAR

Solved Assignment of unit 1st [2020-21]

Class :- 3rd

Subject :- Mathematics

Lesson No. 1

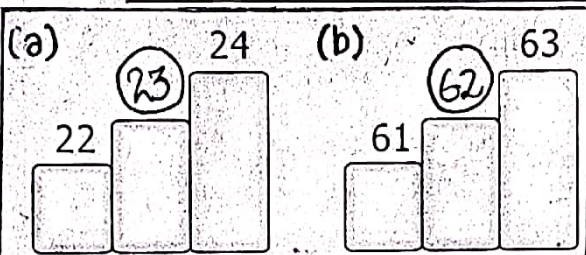
A/B

Chapter 1 (Numbers)

Exercise :- 1

Page No. :- 12

Q1:- Which number lies in between?



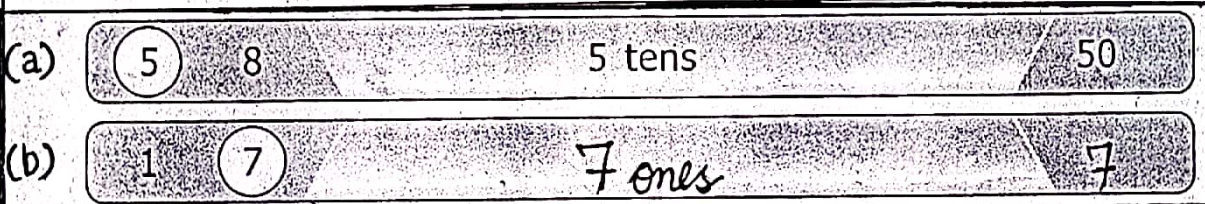
(Do Rest of parts yourself)

Q2:- Fill in the boxes.

- a) 97 is just after 96 b) 0 is just before 1
c) 49 is just before 50.

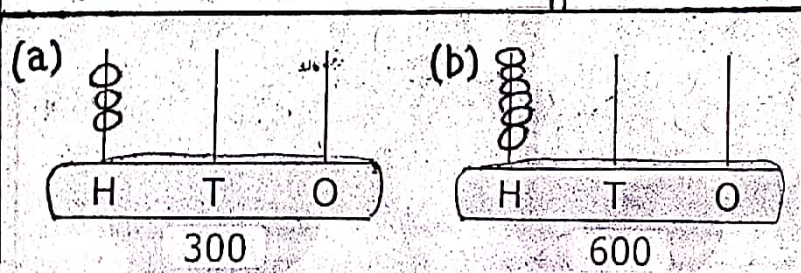
(Do rest of parts yourself)

Q3:- Write the place value of the circled numbers:



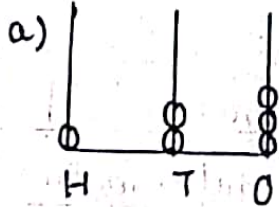
(Do rest of parts yourself)

Q4:- Draw the beads for the numbers:

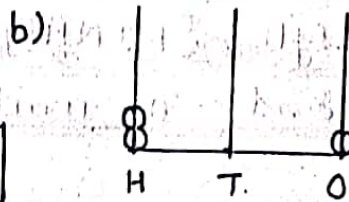


(Do rest of parts yourself)

Q5: Write the numbers:



123



201

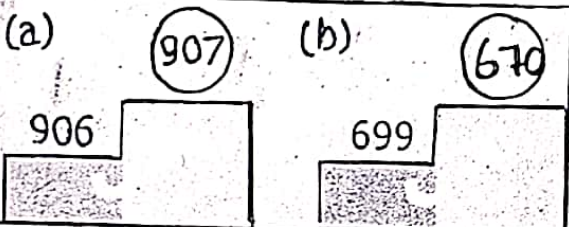
(Do rest of parts yourself)

Q6: Complete the chart:

(a)	One hundred six	106
(b)	One hundred forty-eight	148
(c)	Three hundred nine	309

(Do rest of parts yourself)

Q7: Fill the correct number in each circle:



(Do rest of parts yourself)

Q8: Write each number in the expanded form.

a) $379 = 300 + 70 + 9$

b) $786 = 700 + 80 + 6$

(Do rest of parts yourself)

Page No. 14

Q9: Fill in the boxes.

(a) $802 = 8 \text{ hundreds} + 0 \text{ ten} + 2 \text{ ones}$

(b) $711 = 7 \text{ hundreds} + 1 \text{ ten} + 1 \text{ one}$

(Do rest of parts yourself)

Q10 Compare the numbers using $>$, $=$ or $<$

a) $102 < 112$

b) $303 = 303$

(Do rest of parts yourself)

Q11 Circle the greatest number.

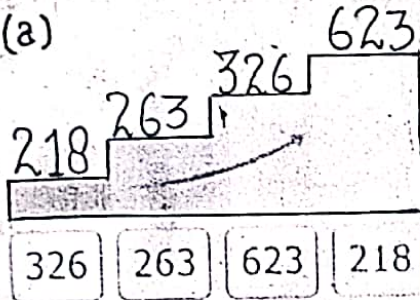
a) 321, 123, 231, 309 b) 897, 909, 987, 789

Q12 Circle the smaller number.

a) 645, 555, 546, 456 b) 401, 104, 111, 400

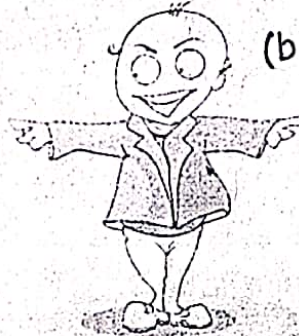
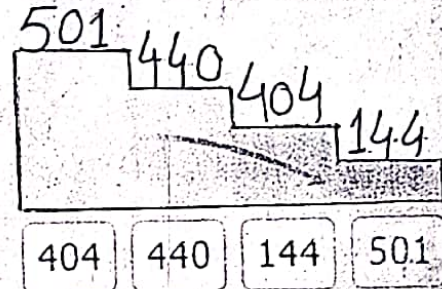
Q13 Arrange the numbers in ascending order.

(a)



Arrange the numbers in descending order.

(b)



Exercise 2

Page NO. 15

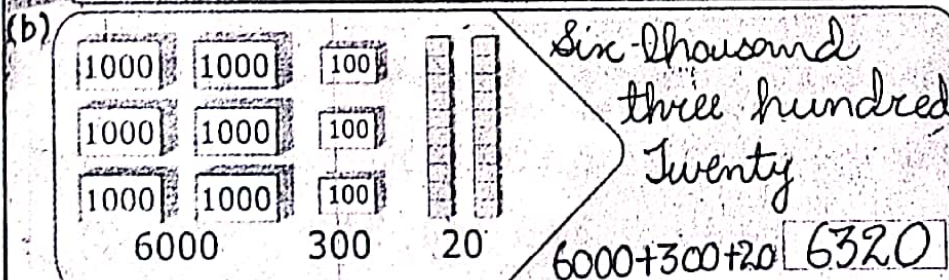
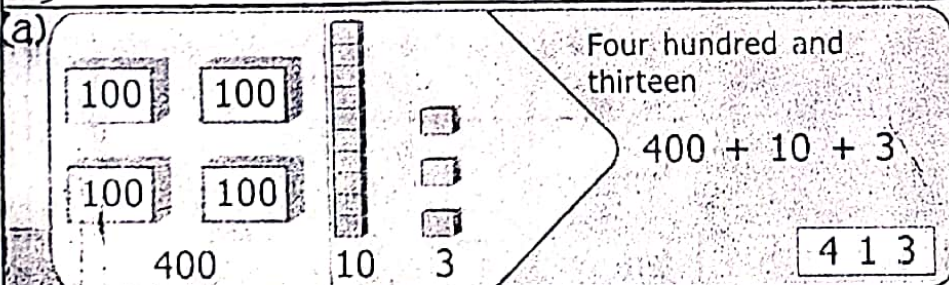
Q1 Match.

- | | | |
|---|------------------------------|------|
| 1 | 1000, 1000 | 4000 |
| 2 | 1000, 1000, 1000, 1000 | 2000 |
| 3 | 1000, 1000, 1000 | 5000 |
| 4 | 1000, 1000, 1000, 1000, 1000 | 3000 |

Exercise 3

Page NO. 16

Q1 Count and write.



(Do rest of parts yourself)

P.T.O

Exercise: 4Chapter 2Page NO. 18

Q1 Match.

Money As numbers

- a, One thousand 2000
- b, Two thousand 1000
- c, Three thousand 4000
- d, Four thousand 3000
- e, Five thousand 6000
- f, Six thousand 5000
- g, Seven thousand 9000
- h, Eight thousand 7000
- i, Nine thousand 8000

Q2 Fill in the blanks.

NumberHundredsThousands

a, 1000

10

1

b, 2000

20

2

(Do rest of parts yourself)Exercise: 5

Q1 Tick (✓) the smaller number.

- a, ☒ 700 ☐ 4000 b, ☐ 3000 ☒ 800

Q2 Tick (✓) the larger number.

- a, ☒ 6000 ☐ 600 b, ☐ 700 ☒ 7000

(Do remaining parts of Q1 & Q2 own)Exercise: 6Page NO. 19

Q1 Write the numbers.

2000

Th	H	T	O
----	---	---	---

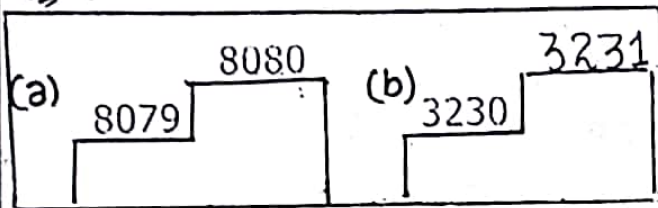
1111

Th	H	T	O
----	---	---	---

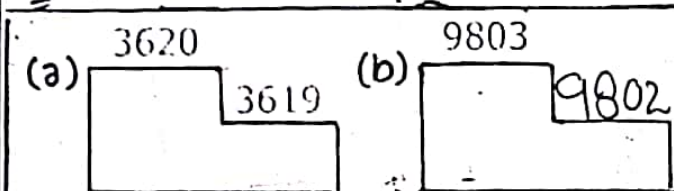
(Do rest of parts yourself)

Chapter 3 ONE LESS THAN AND ONE MORE THAN Exercise: 7

Q1: Write the Successor number. (page no. 20)



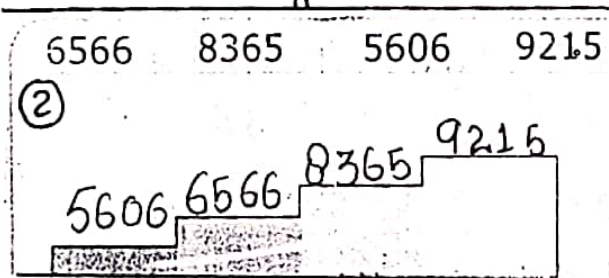
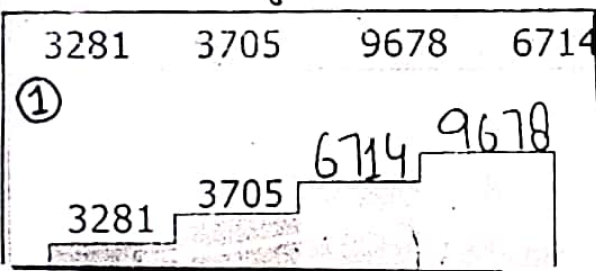
Q2: Write the predecessor number.



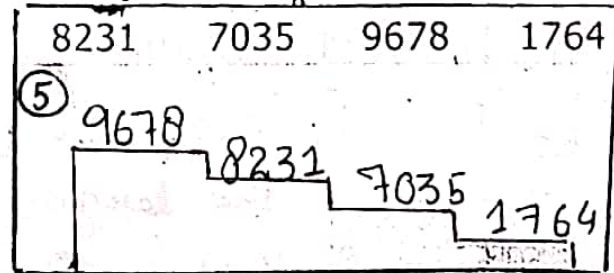
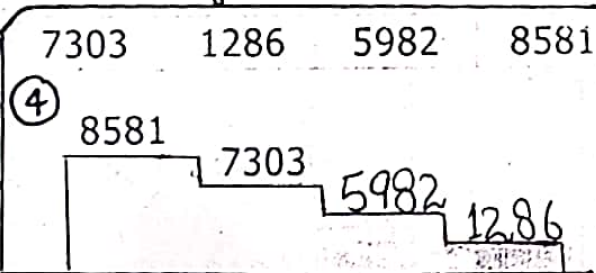
(Do rest parts of Q1 & Q2. yourself)

Chapter 4 ASCENDING AND DESCENDING ORDERS Ex: 8 pg. no. 21

Q1, Arrange the numbers in ascending order.



b) Arrange the numbers in descending order.



(Do rest of parts yourself)

Chapter 5 EXPANDING THE NUMBERS Exercise: 9 pg. no. 22

Q Write the numbers in expanded form.

① 3918 3 thousands + 9 hundreds + 1 ten + 8 ones② 1293 1 thousands + 2 hundreds + 9 tens + 3 ones

(Do rest of parts yourself)

P.T.O.

Exercise: 10

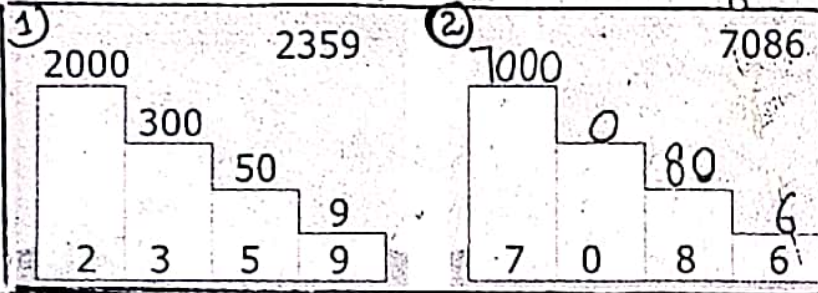
Q write one number for each.

1, ③ thousands + ⑨ hundreds + ⑥ tens + ② ones = 3902

2, ① thousand + ② hundreds + 3 tens + ④ ones = 1234

Exercise: 11Chapter 6 PLACE VALUE

Q write the place value of each digit.

CHAPTER: 07COMPARING NUMBERSExercise: 12

1, 5406 < 9045 2, 3406 < 3510

3, 9002 = 9002

EXERCISE: 13

Q compare the numbers.

1, 5016, 5160, 5610, 5106, 5601
5610 > 5601 > 5160 > 5106 > 5016

2, 1234, 4321, 3241, 1324, 3142
4321 > 3241 > 3142 > 1324 > 1234

(Do rest parts of Ex 10, Ex 11, Ex 12 & Ex 13 by yourself)

CHAPTER: 08GREATEST AND SMALLEST NUMBERSEx: 14

Q: Build the greatest and the smallest possible 4 digit numbers.

1, ⑥ ⑤ ③ ④ Greatest No. 6543 Smallest No. 3456

2, ⑧ ① ⑨ ② 9821 1289

(Do rest parts yourself)

CHAPTER 09 : ODD AND EVEN NUMBERS Exercise: 15 Page no.: 27

Q.: Circle the even numbers.

(342), 601, (106), 8001, (2008), 901, 247, 919

Q.: Circle the odd numbers.

(191), 292, 708, (707), 408, (405), 616, (6533)

CHAPTER 10 : ROMAN NUMBERS EXERCISE: 16 Page no.: 28

Q.: Match the numbers.

- | | | |
|---|------|----|
| 1 | X | 11 |
| 2 | XI | 10 |
| 3 | XII | 13 |
| 4 | XIII | 12 |
| 5 | XIV | 15 |
| 6 | XV | 14 |

Exercise: 17

Write True (T) or False (F)

- 1, XVI = 16 (T) 2, VIII = 9 (F)
 3, XIV = 15 (F) 4, IXI = 8 (F)
 5, XVII = 18 (T) 6, IIV = 3 (F)

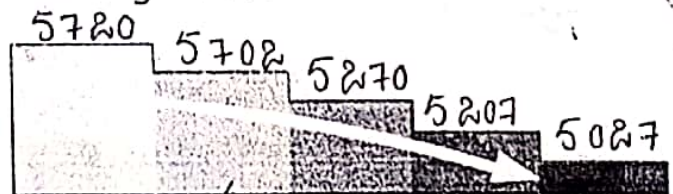
EXERCISE 18 (REVISION)

Page NO. 29

1. Write the numbers in the descending order.

5027, 5270, 5720

5207, 5702



2. Write the numbers.

4 thousands more than 3106

$$4000 + 3106 = 7106$$

3 hundreds less than 4590

$$4590 - 300 = 4290$$

5 tens more than 600

$$600 + 50 = 650$$

9 ones less than 6289

$$6289 - 9 = 6280$$

3. Find the year:

10 years from the year 2011

2021.

100 years from the year 2011

2111.

1000 years from the year 2011

3011.

Q4 Using digits 5, 2, 6 and 3, write the smallest four digit number with 6 in Ones place. Write the largest four-digit number with 6 in hundreds place.

Sol Smallest

2	3	5	6
---	---	---	---

greatest

5	6	3	2
---	---	---	---

Q5 What number is 31 hundreds, 18 tens and 240 Ones?

Sol:
$$\begin{array}{r} 3100 \\ + 180 \\ + 240 \\ \hline 3520 \end{array}$$

Q6 How many Centuries from 2000?

Sol:
$$\frac{2000}{100} = 20 \text{ Centuries}$$

Chapter No. 11: ADDITION Ex No. 19 Page No. 32

1(a) Add horizontally and vertically both:

3	4	2	9
3	1	5	9
2	3	1	6
8	8	8	

b) Now add circled No.'s

8			
8			
8			
24			

$996 \rightarrow = 24$

Q2. Add.

$$\begin{array}{r} \text{a) } 50 \quad 5 \\ + \quad 5 \\ \hline 6 \quad 0 \end{array}$$

$$\begin{array}{r} \text{b) } 30 \quad 1 \\ + 4 \quad 9 \\ \hline 8 \quad 0 \end{array}$$

Pg. no - (9)
Page No. 32

$$\begin{array}{r} \text{c) } 6 \quad 8 \quad 7 \\ + 3 \quad 1 \quad 2 \\ \hline 9 \quad 9 \quad 9 \end{array}$$

(Do rest of parts yourself)

Exercise: 20

Page No. 33

Add.

$$\begin{array}{r} 1, \quad 30 \quad 2 \\ + 6 \quad 8 \\ \hline 10 \quad 0 \end{array}$$

$$\begin{array}{r} 2, \quad 2 \quad 2 \\ 2 \quad 1 \\ + 6 \quad 3 \\ \hline 10 \quad 6 \end{array}$$

$$\begin{array}{r} 3, \quad 1 \quad 2 \quad 3 \\ + 3 \quad 2 \quad 1 \\ \hline 4 \quad 4 \quad 4 \end{array}$$

(Do rest of parts yourself)

CHAPTER 12 : ADDITION OF TWO 4-DIGIT NUMBERS WITHOUT CARRY OVER

Exercise 21

page no. 34

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

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

(Do rest of parts yourself)

CHAPTER 13 : ADDITION OF TWO 4-DIGIT NUMBERS WITH CARRY-OVER

Exercise 22

page no. 35

Add:

$$\begin{array}{r} \text{①} \quad \begin{array}{cccc} \text{Th} & \text{H} & \text{T} & \text{O} \\ 7 & 5 & 3 & 4 \\ + 1 & 4 & 4 & 8 \\ \hline 8 & 9 & 8 & 2 \end{array} \end{array}$$

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

(Do rest of parts yourself)

Chapter : 14: ADDITION OF THREE DIGIT

NUMBERS

Page No. 36

1 Add: Ex. NO 23

a) Th H T O

6^① 4^② 1^③ 7

1 8 9 3

+ 1 3 4 4

9 6 5 4

b) Th H T O

5 3 2 2

2 4 2 3

+ 1 0 4 1

8 7 8 6

c) Th H T O

3 0 0 1

2 0 1 0

+ 3 8 8 6

8 8 9 7

(Do rest of parts yourself)

Q2 Word problems. Page No. 37

a) I had 2356 stamps in my album. My friend gave me 1329 stamps. How many stamps do I have now?

Sol: NO. of stamps in my album = 2,356

NO. of stamps given by my friend = 1,329

∴ Total NO. of stamps I have now = 2,356

+ 1,329

3,685

c) On Sunday, 1203 children, 2131 men and 6542 women visited a water park. How many people visited the water park in all?

Sol NO. of children visited a water park = 1,203

NO. of men visited a water park = 2,131

NO. of women visited a water park = 6,542

∴ Total NO. of people visited a water park =

1,203

2,131

+ 6,542

9,876

e) There are 4439 students in primary classes, 3329 students in middle classes and 2098 students in senior classes in a school. What is the total number of students in the school?

Sol NO. of students in primary classes = 4,439

NO. of students in middle classes = 3,329

NO. of students in senior classes = 2,098

∴ Total NO. of students in the school

$$= \begin{array}{r} 4439 \\ 3329 \\ + 2098 \\ \hline 9866 \end{array}$$

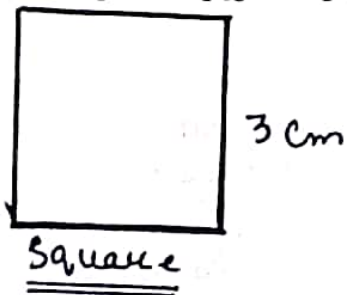
$$3,329$$

$$+ 2,098$$

$$\hline 9,866$$

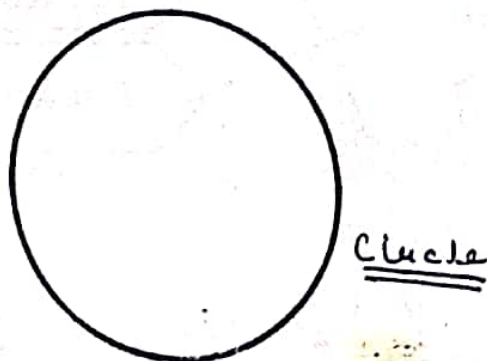
Q: Draw and define square?

Ans A shape with 4 equal sides and having 4 vertices is known as square eg Carrom board etc.



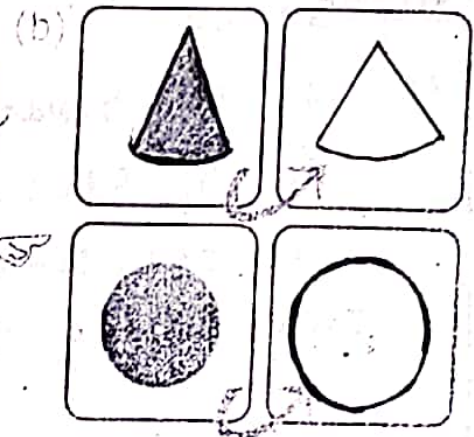
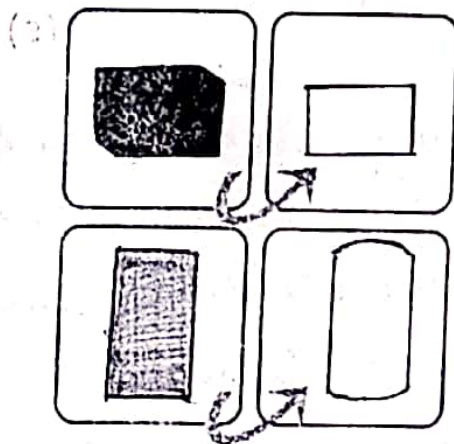
Q: Draw and define circle?

Ans A shape with no side and no vertex is known as circle eg Ball, compact disk (CD) etc.

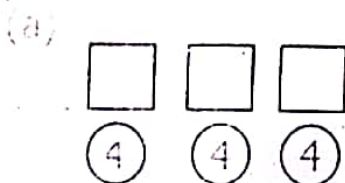


EXERCISE 53

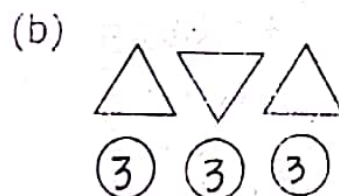
1. Draw the missing figures.



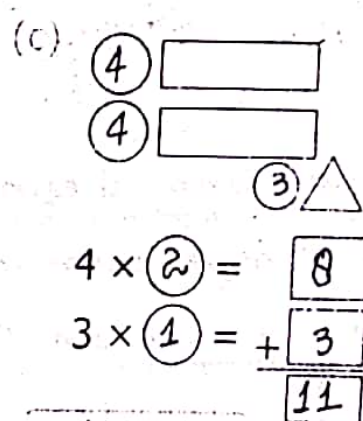
2. Count the sides.



$$4 \times 3 = 12$$



$$3 \times 3 = 9$$



$$4 \times 2 = 8$$

$$3 \times 1 = 3$$

$$8 + 3 = 11$$

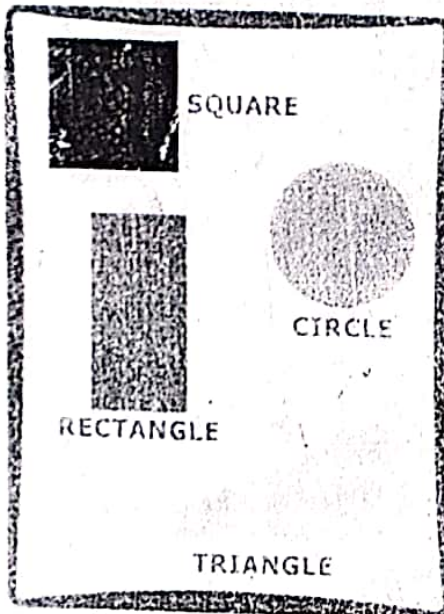
3. Match.



(a)		6 flat surfaces 0 curved surface
(b)		2 flat surfaces 1 curved surface
(c)		1 flat surface 1 curved surface
(d)		1 curved surface only

EXERCISE 54

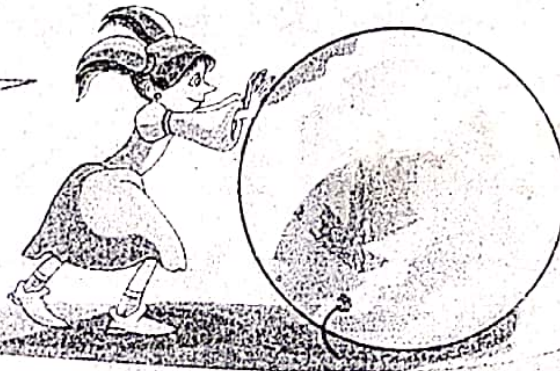
Observe and find.



1. A shape having no side CIRCLE
2. A shape with three sides TRIANGLE
3. A shape with 4 equal sides SQUARE
4. A shape with no vertex CIRCLE
5. A 4-sided figure having opposite sides equal RECTANGLE
6. A shape having 3 vertices TRIANGLE
7. A shape that can roll CIRCLE

Vertices is plural of vertex.

Solid objects like a watermelon can roll. Solid objects having flat faces like cube cannot roll.



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	<table> <tr> <td>Edges</td><td>12</td></tr> <tr> <td>Vertices</td><td>8</td></tr> <tr> <td>Plane faces</td><td>6</td></tr> <tr> <td>Curved face</td><td>0</td></tr> </table>	Edges	12	Vertices	8	Plane faces	6	Curved face	0
Edges	12								
Vertices	8								
Plane faces	6								
Curved face	0								
	<table> <tr> <td>Edges</td><td>0</td></tr> <tr> <td>Vertices</td><td>0</td></tr> <tr> <td>Plane surface</td><td>0</td></tr> <tr> <td>Curved surface</td><td>1</td></tr> </table>	Edges	0	Vertices	0	Plane surface	0	Curved surface	1
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Vertices	0								
Plane surface	0								
Curved surface	1								

Risa