

Solved Assignment of Unit 2NDClass :- 3RD MATH 'A' Subject :- MathematicsChapter NO. 2 ADDITION A/BRecap Exercise :-> [BOOK WORK]

Q1 Add Mentally

a, $138 + 3 = 141$

b, $100 + 6 + 4 = 110$

Q2 Write the missing number.

a, $25 + 26 = 51$

b, $18 + 5 = 23$

Q3 Add the following numbers :-

a,
$$\begin{array}{r} 31 \\ + 67 \\ \hline 98 \end{array}$$

b,
$$\begin{array}{r} 24 \\ + 53 \\ \hline 77 \end{array}$$

Q4 Find the sum.

a, $16 + 53 + 7 = 76$

b, $13 + 26 + 7 = 46$

Q5 Three groups of ants set out to look for crumbs. Find the total crumbs collected by the ants per trip.

a, Trip 1 :- $116 + 98 + 42$

$$\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 116 \\ + 98 \\ + 42 \\ \hline 256 \end{array}$$

[Do Rest parts of Recap Exercise by yourself]

Exercise No. 2.1

P2

Q1 Add each of the following numbers:-

a, Th H T O

3 5 6 2

+ 2 1 3 5

5 6 9 7

b, Th H T O

5 3 4 6

+ 4 5 5 3

9 8 9 9

[Book Work]

Q2 Write each of the following in expanded form and add:-

a, 3,243 + 4,326

Sol Th H T O

3 2 4 3

+ 4 3 2 6

7, 5 6 9

→ 3000 + 200 + 40 + 3

→ + 4000 + 300 + 20 + 6

7000 + 500 + 60 + 9

b, 6,582 + 2,313

Sol Th H T O

6 5 8 2

+ 2 3 1 3

8 8 9 5

→ 6000 + 500 + 80 + 2

→ + 2000 + 300 + 10 + 3

8000 + 800 + 90 + 5

Q3, Add the following :-

a, Th H T O

① 3 ① 4 ① 5 7

5 8 9 3

9 3 5 0

b, Th H T O

① 1 ① 6 ① 7 8

4 7 5 3

6 4 3 1

[Book Work]

Q4 Write each of the following in columns and add:

a, 7,248 + 1,364

[Copy Work]

Sol Th H T O

7 ① 2 ① 4 8

1, 3 6 4

8, 6 1 2

C, $5,861 + 3,128$

P3

Sol

Th	H	T	O
5	8	6	1
3	1	2	8
8	9	8	9

Q5 Add the following:- [BOOK WORK]

a,

Th	H	T	O
④4	④3	④5	6
2	3	1	3
+	1	6	73
8	3	4	2

b,

Th	H	T	O
2	④4	④1	6
		7	8
+	2	6	3
2	7	5	7

[Do Rest parts of Ex No. 2.1 by yourself]
Exercise No. 2.2 [BOOK WORK]
 Fill in the blanks.

1, $2,728 + 1,112 = \underline{1,112} + 2,728$

2, $1,124 + 4,549 = \underline{4,549} + 1,124$

[Do Rest parts of Ex No. 2.2 by yourself]
Exercise No. 2.3

Q1 Fill in the blanks: [BOOK WORK]

a, $55 + 100 = \underline{155}$ b, $4,473 + 1,000 = \underline{5,473}$

Q2 Estimate the sum and tick (✓) the appropriate option. Then solve the sum in each of the following:-

a,

H	T	O
③3	7	2
+	3	29
7	0	1

Less than 650
More than 650

✓

Answer :- 701

P.T.O

b, H T O
 ① 5 6 3
 + 1 4 2
 7 0 5

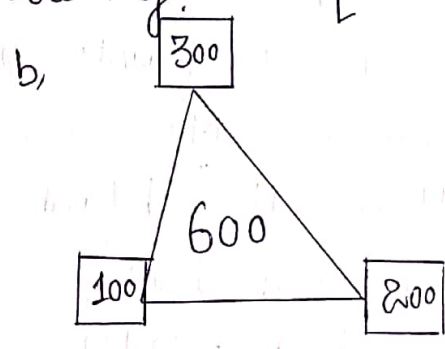
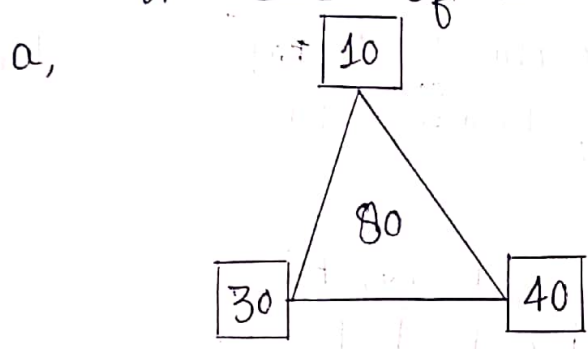
Less than 700
 More than 700 ✓

Answer:- 705

Q3 Guess the addends and fill in the blanks: [BOOK WORK]

a, $30 + 40 = 70$ b, $200 + 100 = 300$

Q4 The sum of three numbers at the corners of a triangle is written inside the triangle. Fill in the blank box in each of the following:- [BOOK WORK]



[Do Rest parts of Ex. NO. 2.3 by yourself]
Exercise No. 2.4

Q Add the following numbers horizontally and write the answers. [BOOK WORK]

1, H T O H T O Th H T O
 ① 5 2 6 + 7 3 8 = 1 2 6 4

2, H T O H T O Th H T O
 ③ ① 3 6 9 + 2 8 1 = 6 5 0

[Do Rest parts of Ex. NO. 2.4 by yourself]

Exercise :- 2.5

P5

Q1 Solve each of the following :-

a, Raja had 578 mangoes and his brother has 245 mangoes. Together how many mangoes do they have? [BOOK WORK]

Sol Raja has $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 578 \end{array}$ mangoes.
His brother has $+ \begin{array}{r} 245 \end{array}$ mangoes.
Together they have $\underline{\begin{array}{r} 823 \end{array}}$ mangoes.

b, Sam had 524 pens and Salman had 387 pens more than Sam. How many pens did Salman have? [BOOK WORK]

Sol Sam had $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 524 \end{array}$ pens.
Salman had $+ \begin{array}{r} 387 \end{array}$ more pens.
So Salman had a total of $\underline{\begin{array}{r} 911 \end{array}}$ pens.

Q2 Solve the following problems in your notebook. [COPY WORK]

a, Neelima, Seema and Mandira bought 420, 105 and 215 bananas, respectively.

How many bananas did they buy in all?

Sol No. of bananas bought by Neelima = $\begin{array}{r} \text{H} \quad \text{T} \quad \text{O} \\ 420 \end{array}$

No. of bananas bought by Seema = 105

No. of bananas bought by Mandira = $+ \begin{array}{r} 215 \end{array}$

$\therefore$ Total No. bananas together they bought = $\underline{\begin{array}{r} 740 \end{array}}$

P.T.O

b, A train is carrying 1,248 passengers. P6
At the next station, 465 more passengers
get into the train. How many passengers
are there in the train now? [COPY WORK]

Sol No. Of passengers present in the
train = 1,248

No. Of passengers get into the train
at the next station = 465

∴ Total No. Of passengers in the
train = Th H T O

$$\begin{array}{r} 1,248 \\ + 465 \\ \hline 1713 \end{array}$$

Chapter No.4

SHAPES

MATH 'B'

Recap Exercise :→ [BOOK WORK]

Q1 Look at the shapes and fill in the
blanks. One has been done for you.

DO NOT
CUT TREES

a, This is a rectangle. It has
4 corners and 4 sides. The
Opposite sides are equal.

BE
FRIENDS

b, This is a square. It has 4
corners and 4 sides. All sides
are equal.



c, This is a triangle. It has 3
corners and 3 sides

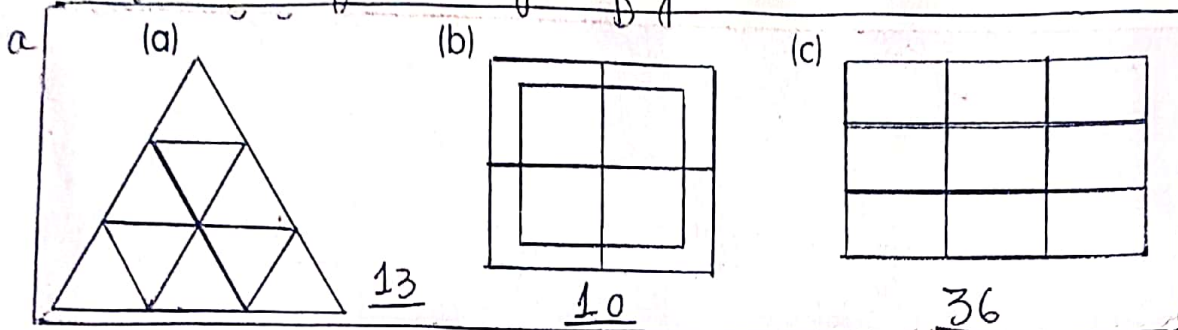


d, This is a circle. It has 0
corners and 0 sides.



e) This is an Oval. It P.7 has 0 Corners and 0 Sides.

Q2 Count and write the number of triangles or squares or rectangles in each of the following figures.



Q3 Write the shape of each of the given objects
 a, A bangle Circle b, A remote control Rectangle
 c, The bottom of a bowl Circle d, The face of sun Circle
 e, A set square in a geometry box Triangle.

Q4 Which of these has the maximum number of vertices? a, Square b, Triangle c, Circle

Sol Square.

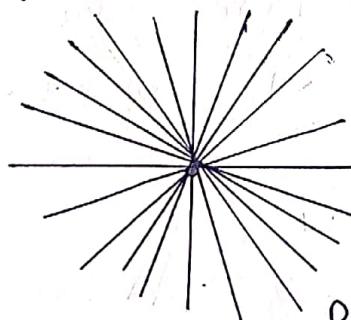
Exercise 4.1

[COPY WORK]

Q1 Make 4 different points. Name them.

Sol • P • M • N • R

Q2 Make a point. Draw as many straight lines passing through it as possible. How many lines did you draw? Did you name all the lines?

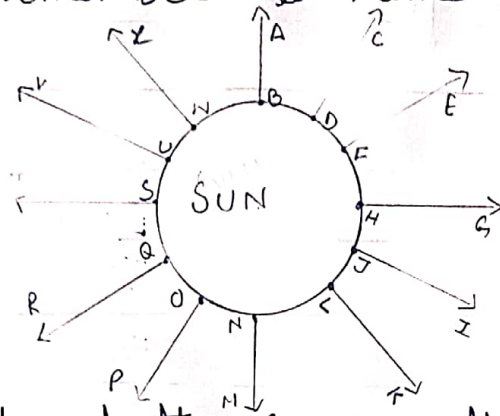


P.T.O

We can draw infinite straight - PB lines. NO, It's not possible to name all the lines.

Q3 Draw the sun and draw 12 rays from it. Remember to name the rays.

Sol



Q4i, Which letters in the English alphabet have curved lines?

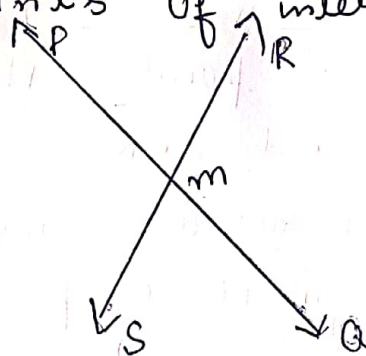
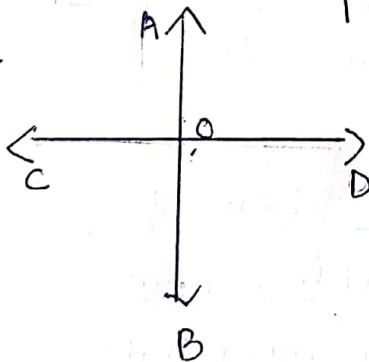
Sol C, D, G, J, O, Q, R, S, U, B, P

ii, Draw 3 curved lines using three different colours:

Sol i,  ii,  iii, 

Q5: Names the lines shown on the right. Name the points of intersection.

Sol



Sol Lines = $\overleftrightarrow{AB}$, $\overleftrightarrow{CD}$ Sol Lines = $\overleftrightarrow{PQ}$, $\overleftrightarrow{RS}$

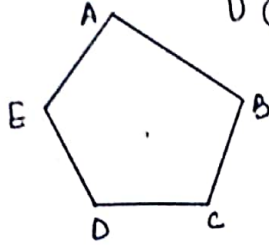
Point of intersection

= O

Point of intersection = m

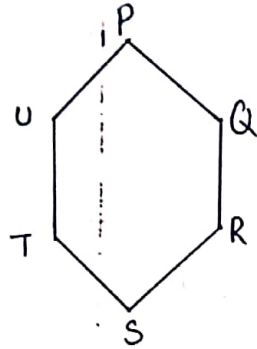
Q6: Name the line segments in each of these figures. P. 9

a,



Sol Line Segments $\Rightarrow \overline{AB}, \overline{AE}, \overline{ED}, \overline{BC}, \overline{DC}$

b,



Sol Line Segments = $\overline{PU}, \overline{PQ}, \overline{UT}, \overline{QR}, \overline{RS}, \overline{TS}$

Q7: Make two points A and B on a sheet of paper as shown. How many line segments can you draw passing through these points

A. • B

Sol $A \xrightarrow{\hspace{2cm}} B$

Only One line segment can be drawn passing through these points (A+B).

Q8 Fill in the blanks

[BOOK WORK]

a, A ray has 1 end point.

b, A curved is not a straight line.

c, A line segment has fixed length.

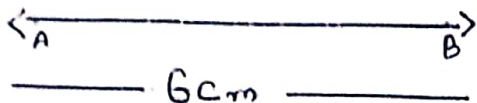
d, A point shows a definite position.

Exercise 4.2

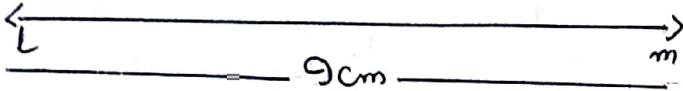
P.10

Q1 You have learnt to use a scale. [COPY WORK]

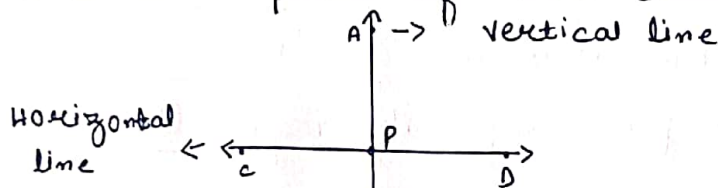
a, Draw a line segment that measures 6cm?

Sol 

b, Draw a line segment that measures 9cm

Sol 

c, Draw a horizontal line segment of 4cm and a vertical line segment of 4cm so that they intersect. Name the line segments and the point of intersection.



vertical line = 

Horizontal line = 

Point of intersection = .P

Q2 Measure each of the following line segments

a, 

$\overline{CD} = 3.8 \text{ cm}$

[Do Rest parts of Q2 by yourself]

Exercise 4.3

[BOOK WORK]

Q1 Tick(✓) the correct word in each sentence.

a, The orange has a (plane/✓curved) surface.

b, The basketball has a (plane/✓curved) surface.

c, The top of your dining table has a (plane/✓curved) surface.

d, The eraser has a (plane/curved) P. 11
surface.

Q2 Match each description to the name of the solid in the following [BOOK WORK]

- | | |
|----------------------------------|------------------------|
| a, 6 flat square face | i, Cylinder |
| b, 2 flat faces & 1 curved face | ii, Cuboid |
| c, Only 1 curved face | iii, Cone |
| d, 6 flat rectangular faces | iv, Cube |
| e, 1 flat face and 1 curved face | v, Sphere |

Q3 Fill in the blanks: [BOOK WORK]

- a, A cube has 12 straight edges and 8 vertices
b, A sphere has 0 edge and 0 vertex.
c, A cone has 1 curved edge and 1 vertex.
d, A cuboid has 12 straight edges and 8 vertices.
e, A cylinder has 1 curved edges and 2 vertices.

Exercise 4.4

Q1 Draw 2 horizontal straight lines, 2 vertical straight lines and 2 Oblique straight lines. Name them. [COPY WORK]

SOL 2 horizontal straight lines.

1, 

2, 

2 vertical straight lines

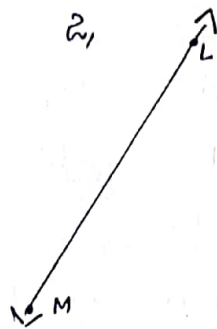
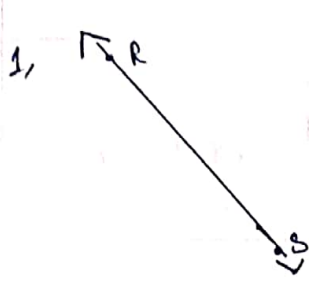
1, 

2, 

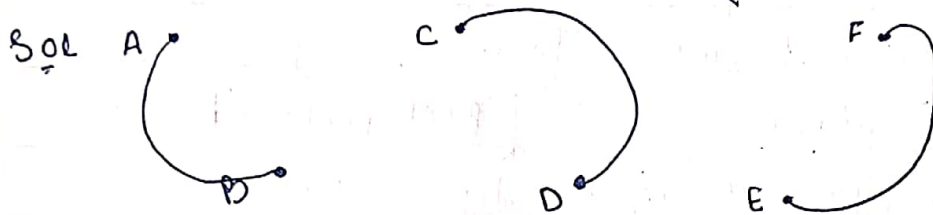
P.T.O

2 Oblique Straight lines

P. 12

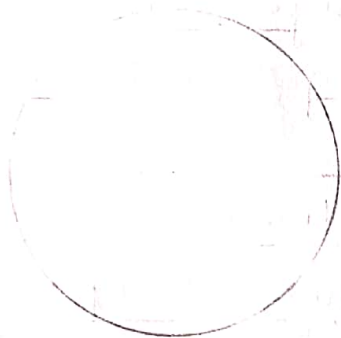


Q2 Join A to B, C to D and E to F by Curved lines. [BOOK WORK]



Q3 Draw One closed figure using Curved lines in the exercise book. [COPY WORK]

Sol

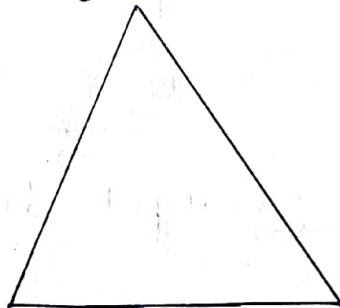


Q4 Draw two closed figures using Straight lines in the exercise book? [COPY WORK]

Sol i,



ii,



Q5 Which letters in the English alphabet are closed figures? Which are open figures?

Sol Closed figures :- O, Q, B, D [COPY WORK]

Open figures :- A, C, E, F, G, H, I, J, K, L, M
N, P, R, S, T, U, V, W, X, Y, Z

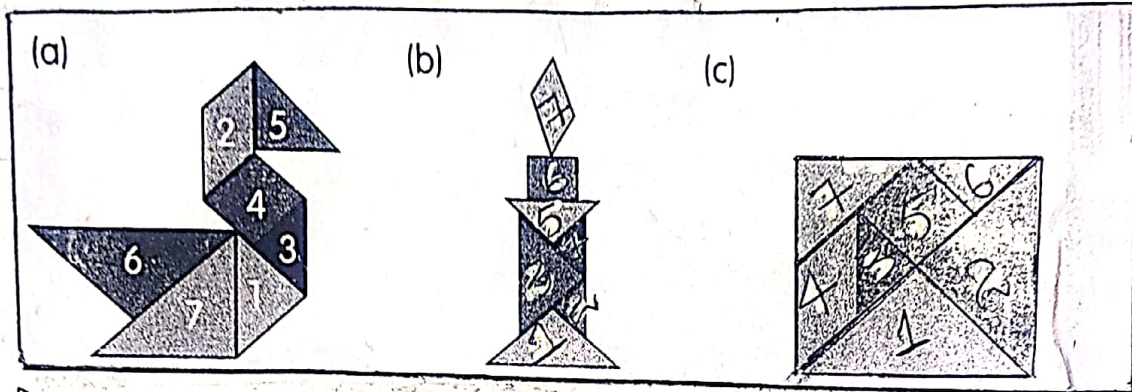
Exercise No. 4.5

P. 13

Q1 Look at the Shapes made with the help of the tangram pieces. Number the pieces as shown above. The first one is done for you.

[BOOK WORK]

a,



[Do Rest parts of Q1 by yourself]

Do Rest parts of Q1 yourself

Q2 How many triangles do you have in the 7-piece tangram set?

[BOOK WORK]

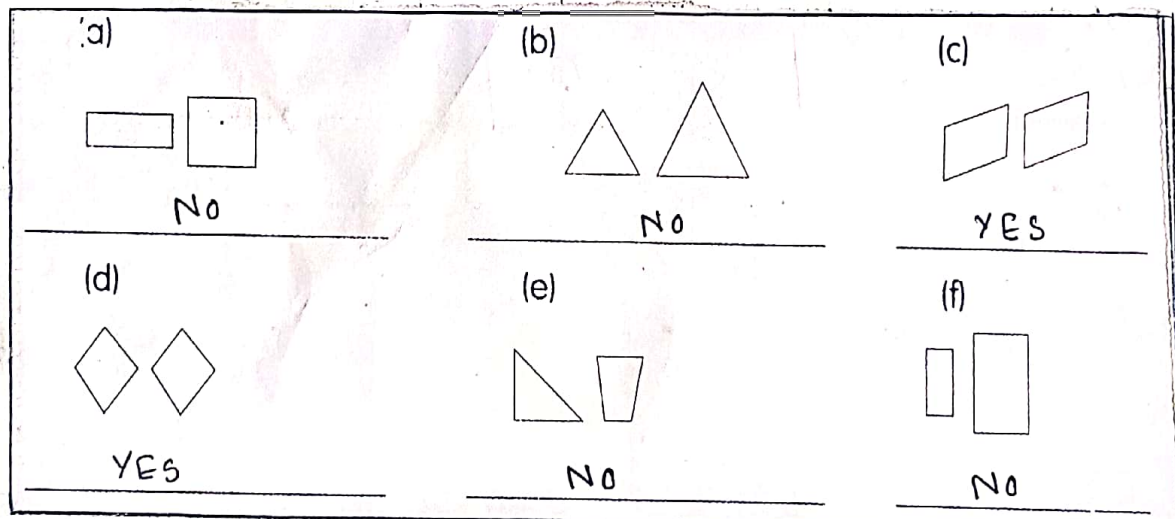
Sol 5 triangles.

Exercise No. 4.6

Q1 Are the figures given below Congruent? Write 'yes' or 'NO'.

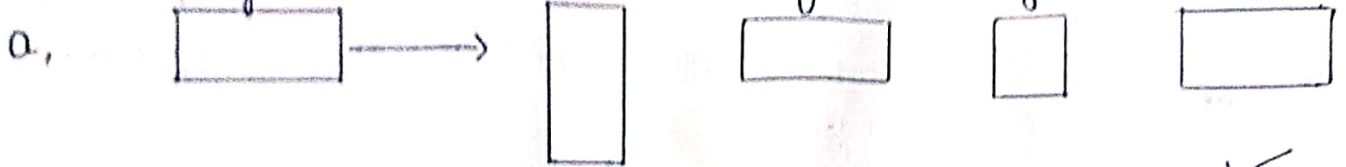
[BOOK WORK]

a,



P.T.O

Q2: Tick (✓) the shape which is [BOOKWORK] P. 14
congruent to each of the given shapes.



[Do Rest parts of Q. No. 2 by yourself]

Q3 Look at the pages of your notebook. is one page congruent to the next page?

Sol Do yourself.

Q4 How do you know when two figures are congruent to the next page?

Sol When the two figures have the same shape and size.

Q5 Look at the pieces of the tangram and answer the questions that follow.

a, Which piece is congruent to number 6?

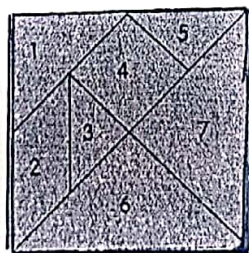
Sol 7.

b, which piece is congruent to number 3?

Sol 5

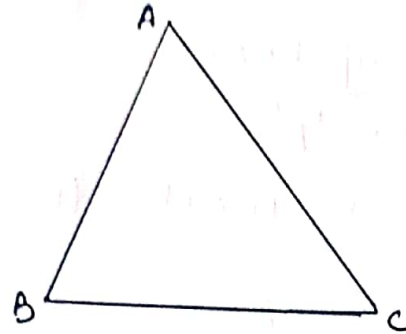
c, What is the shape of piece numbered 4?

Sol Square.



Q1 Draw and define a "Triangle". P.No 15

Sol A shape with 3 sides and 3 vertices is known as triangle. eg Traffic signs, pizza slice etc.



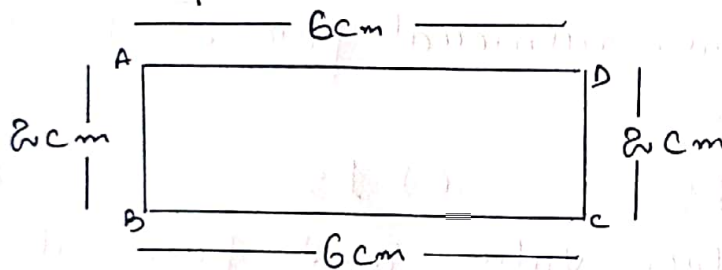
→ TRIANGLE

3 Sides = AB, BC, CA

3 Vertices = A, B, C

Q2 Draw and Define "Rectangle".

Sol Any four sided figure having opposite sides equal is known as Rectangle eg Cell phones, Door, Table Top etc



RECTANGLE

4 Sides = AB, BC, CD, DA

4 vertices = A, B, C, D

Equal Sides = AB = CD

AD = BC