1 Find the perimeter of the following shapes given below :

(a)

3 cm

1 cm   1 cm

1 cm

4 cm   4 cm

1 cm

1 cm   1 cm

3 cm

Perimeter =

(b)

1 cm

2 cm

3 cm

5 cm

3 cm

4 cm

Perimeter =

(c)

4 cm

2 cm

3 cm

3 cm   7 cm

3 cm

2 cm

4 cm

Perimeter =

(d)

1 cm

2 cm

6 cm   3 cm

3 cm

2 cm

2 cm

5 cm

Perimeter =

(e)

1 cm

2 cm   2 cm

2 cm   3 cm

2 cm   2 cm

3 cm   2 cm

2 cm   2 cm

1 cm

Perimeter =

(d)

1 cm   3 cm

4 cm

5 cm   4 cm   5 cm

3 cm

7 cm
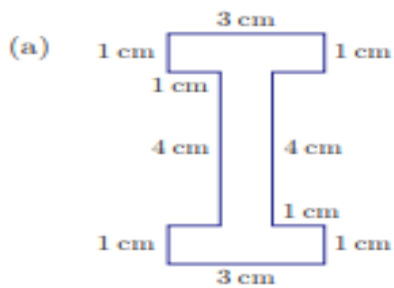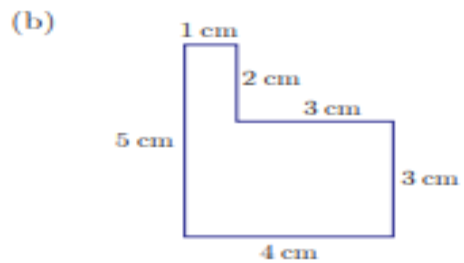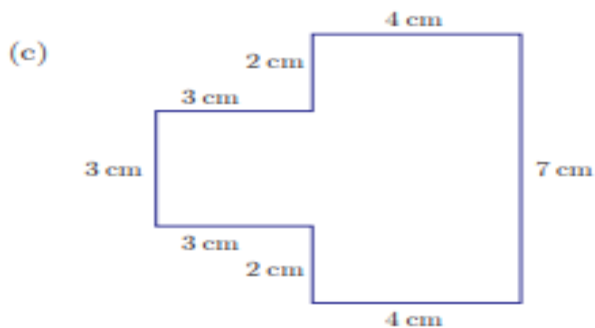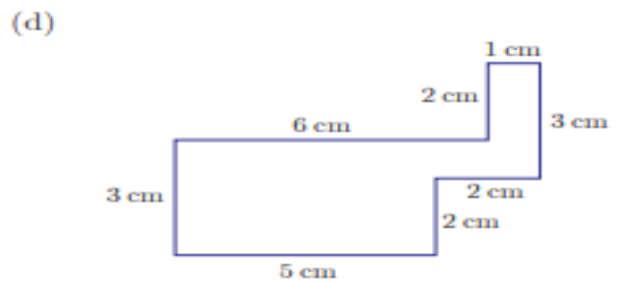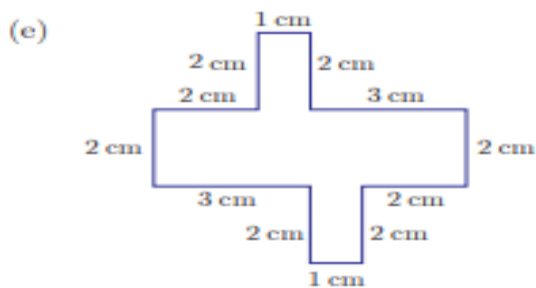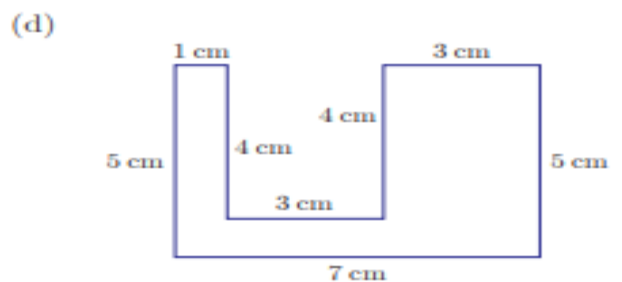
Perimeter =

2. Fill in the blanks:

a) The _____ is the distance around the edge of a shape.

b) The _____ is the amount of surface covered by a shape.

c) Area is measured in _____units.

d) Perimeter of rectangle= _____

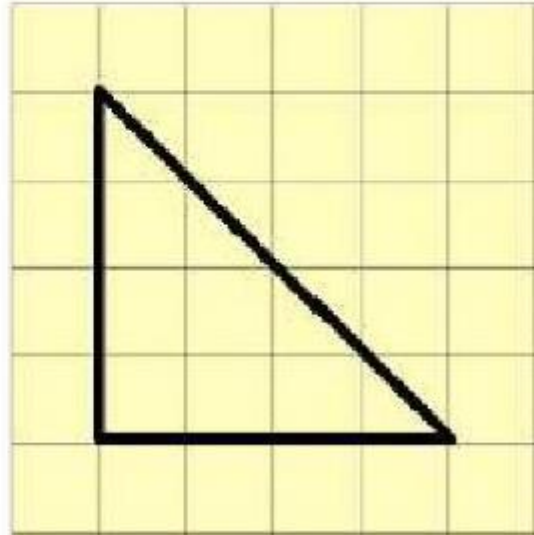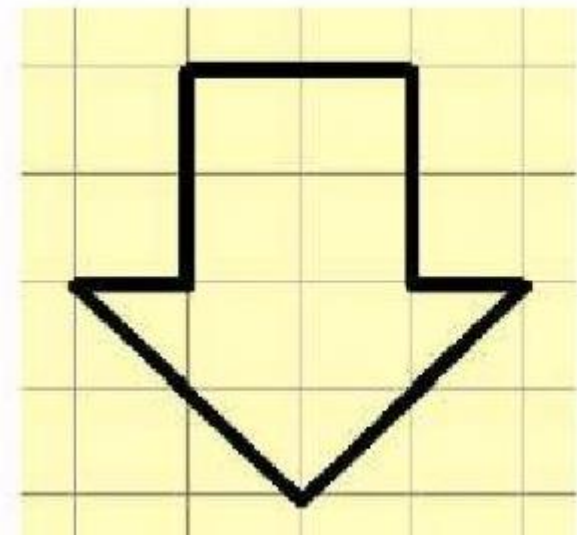e) Perimeter of square = _____

f) A square with 1 cm length will have an area of _____.

g) Area of a square with side 2 m is _____ square metres.

3.

Find the Area of the following:-
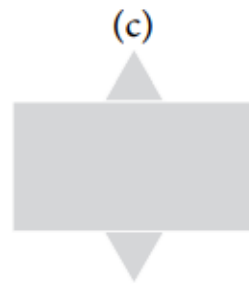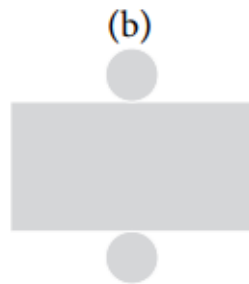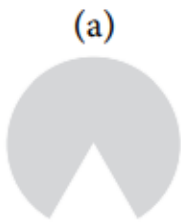
4.

1)Match the following.

2-D shapes	3-D shapes	Examples

Q.2 Match the 3-D shapes to their nets:-

(a)   (b)   (c)   (d)

5).

Q. Fill in the table:

SHAPE	EDGES	FACES	CORNERS
Sphere			
Cube			
Cuboid			
Triangular prism			
Pyramid			
Cone			
Cyliner			

ANSWER KEY

CLASS 5

UNIT 6

1. a) 22cm   b) 18cm   c) 28cm   d)   24cm

   e) 24cm   f)   32cm

2. a) Perimeter   b) Area   c) square   d)   2X(l + b)

   e) 4 X Side   f) 1 square cm   g) 4

3. 8 square units of each figure.
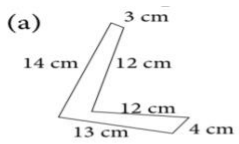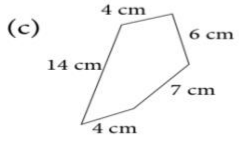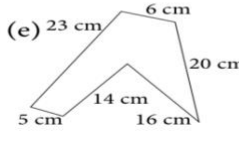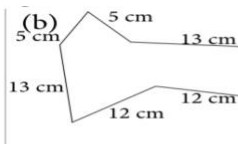
5.
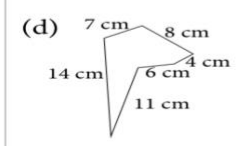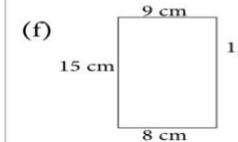
SHAPE	EDGES	FACES	CORNERS
Sphere	0	1	0
Cube	12	6	8
Cuboid	12	6	8
Triangular prism	9	5	6
Cone	1	2	1
Cylinder	2	3	0

SHIVALIK PUBLIC SCHOOL
WORKSHEET—2
CLASS—V
SUBJECT— MATHS
UNIT – 7 (AREA AND ITS BOUNDARY)

Question 1. Complete the following table.

LENGTH	BREADTH	PERIMETER	AREA
11 m	8 m	_____	88 m²
53 m	_____	_____	106 m²
_____	3 m	_____	192 m²
15 m	_____	44 m	105 m²
63 m	6 m	_____	_____
47 m	_____	112 m	_____
42 m	2 m	_____	_____

Question 2. Find the perimeter of the following figures.

(a)
3 cm
14 cm   12 cm
12 cm
13 cm   4 cm
= _____

(b)
5 cm
5 cm   13 cm
13 cm   8 cm
12 cm
12 cm
= _____

(c)
4 cm
6 cm
14 cm
7 cm
4 cm
= _____

(d)
7 cm   8 cm
14 cm   4 cm
6 cm
11 cm
= _____

(e) 23 cm
6 cm
20 cm
14 cm
5 cm   16 cm
= _____

(f)
9 cm
15 cm   15 cm
8 cm
= _____

Question 3. Solve the following word problems.

1. A square shaped scenery is to be framed. Its side is 39 cm. What length of the frame will be needed.

2. Find the length of the wire required to fence a playground whose length is 20 metre and breadth is 15 metre.

3. Simran spread a carpet of length 7m and breadth 5m in his room. If the length of room is 5m and breadth is 3m. How much area is left uncarpeted?

4. A rope is needs to put a boundary around 45m long and 25m broad ground. What will be the length of the rope ?

Answer key

Ques1.

LENGTH	BREADTH	PERIMETER	AREA
11 m	8 m	$2 \times (11 + 8) = 38 \, m$	$11 \times 8 = 88 \, m^2$
53 m	$\frac{106}{53} = 2 \, m$	$2 \times (53 + 2) = 110 \, m$	$53 \times 2 = 106 \, m^2$
$\frac{192}{3} = 64 \, m$	3 m	$2 \times (64 + 3) = 134 \, m$	$64 \times 3 = 192 \, m^2$
15 m	$\frac{105}{15} = 7 \, m$	$2 \times (15 + 7) = 44 \, m$	$15 \times 7 = 105 \, m^2$
63 m	6 m	$2 \times (63 + 6) = 138 \, m$	$63 \times 6 = 378 \, m^2$
47 m	$\frac{112}{2} - 47 = 9 \, m$	$2 \times (47 + 9) = 112 \, m$	$47 \times 9 = 423 \, m^2$
42 m	2 m	$2 \times (42 + 2) = 88 \, m$	$42 \times 2 = 84 \, m^2$

Ques2.

a) 58 cm
b) 68cm
c) 35cm
d) 50cm
e) 84 cm
f) 47 cm

Ques3.
1. 156 cm
2. 70cm
3. 20 square m
4. 140m

Q. Measure the following things with the help of the square blocks given:-
(1 block = 1.4 cm)

(a)

= _____ cm
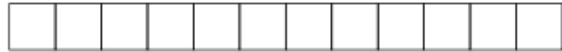
= _____ cm _____mm

(b)

= _____ cm

= _____ cm _____mm

(c)

= _____ cm

= _____ cm _____mm

(d)

= _____ cm

= _____ cm _____mm

Q.2 Convert:-

(a) ₹ 2.5 = _____paise

(b) 83 cm = _____mm

(c) 8 cm = _____mm

(d) 6 cm = _____mm

(e) 3.4 cm = _____mm

(f) 57 mm = _____cm

(g) 64 mm = _____cm

(h) ₹ 53 = _____ paise

(i) 35 cm = _____mm

Q3. Add the following :

1) 123.67 and 23.4

2) 32.46 and 132.6
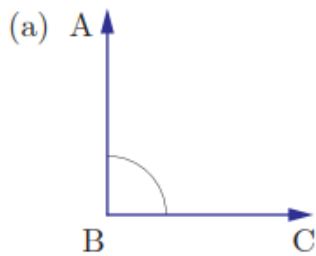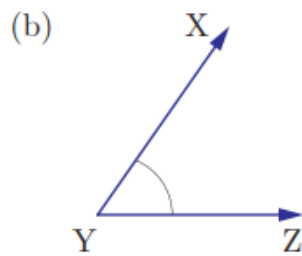
Q4. Draw angle of 60 degree and 135 degree.

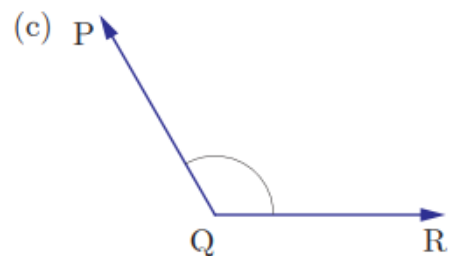Q5. Write the following angles as acute, obtuse, right or straight angles.

(a) 40° = -------------

(b) 90° = ...

(c) 125° = ...

(d) 64° = ...

(e) 180° = ...

(f) 82° = ...

(g) 146° = ...

(h) 150° = ...

Q6.

Measure the angles using a protractor (D).

(a) A   (b) X   (c) P

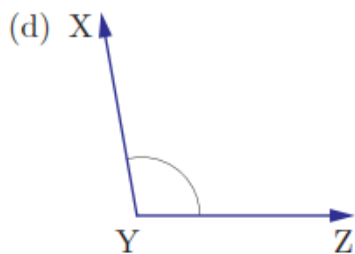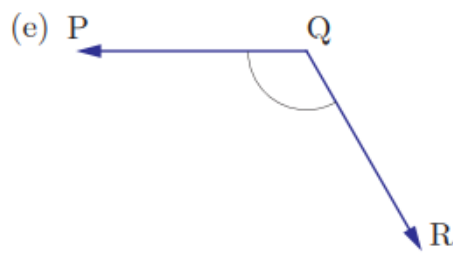B   C   Y   Z   Q   R

(d) X   (e) P   (f) B

Y   Z   R   A
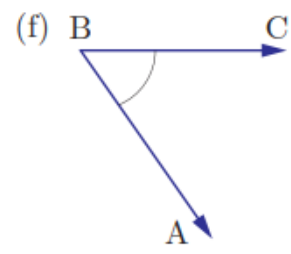
Q7.Arrange in ascending order.

31.324, 3.124 ,33.3, 13.67

Q8. Write the following fractions in decimal form.

a) 8/10

b) 15/100

Q9. Subtract 23.678 from 56.

Q10. Draw angle of 55 degree with protractor.

ANSWER KEY

1. a) 7cm, 7cm 0mm b) 7cm, 7cm 0mm

   c) 5.6cm,5cm 6mm d) 15.4cm, 15cm 4mm

2. a) 250 paise b) 830 mm c) 80 mm d)   60 mm

   e) 34 mm f) 5.7 cm g) 6.4 cm h) 5300 paise i) 350 mm

3.

   1. 147.07

   2. 165.06

5. a)   Acute angle   b) Right angle

   c) Obtuse angle d) Acute angle

   e) Straight angle f)   Acute angle

   g) Obtuse angle h) Obtuse angle

6. a)   90°

7. 3.124,13.67, 31.324, 33.3

8. a) 0.8 b) 0.15   9.   32.322

Q1. Find the volume of cuboid of length 4cm, breadth 2cm and height 3cm ?

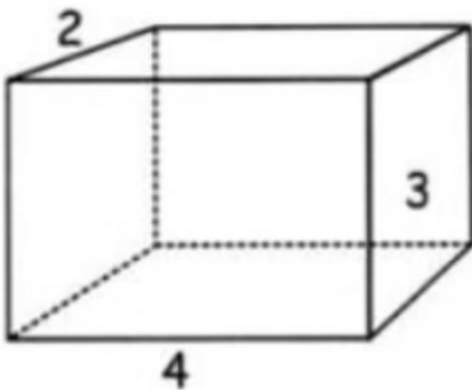Q2. Find the volume of cuboid of side 8cm x 6cm x 5cm and a cube of side 9 cm. Which one has greater volume ?

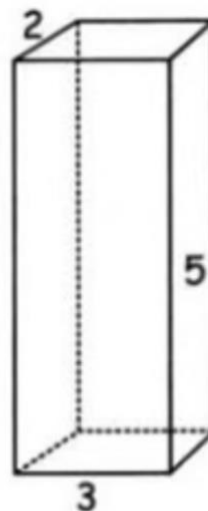Q3. A 2rupee coin weighs 6 kg. What is the weight of sack with:

  (A) 1500 coins ?
  (B) 3000 coins ?

Q4. Find the volume of a cube whose edge is 15 cm long ?
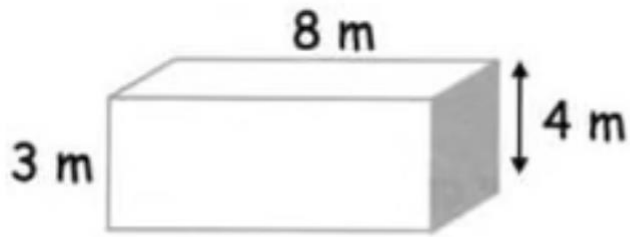
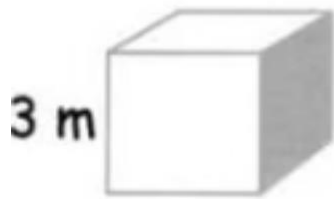Q5. Which of the following has a greater volume?

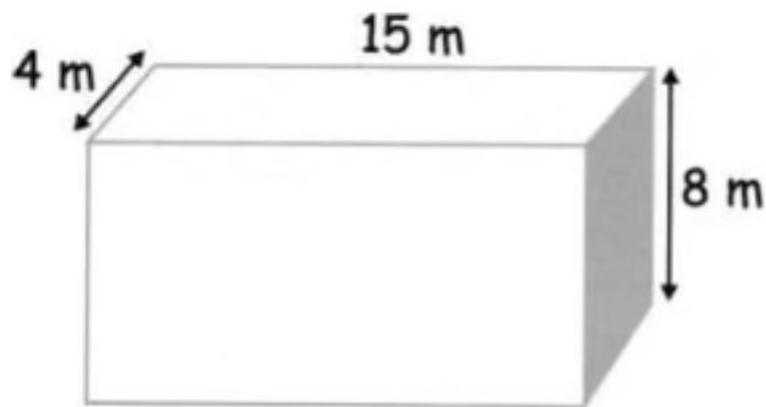
Shape A   Shape B

Q6. Find the volume of the each of the following figures.

8 m

4 m

3 m

(b)

3 m

(c)

15 m

4 m

8 m
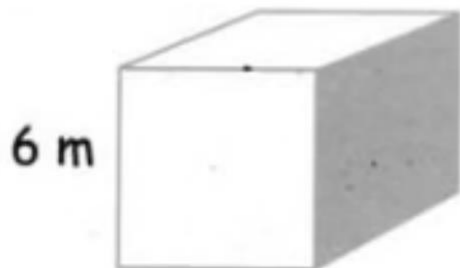
(d)

6 m

Q. Five people are going to a camping trip for 6 days. The following list of food items is needed for 1 day for each person:-

FOOD ITEM	QUANTITY
Wheat flour	180 g
Rice	1/2 of wheat flour
Pulses	1/3 of wheat flour
Oil	50 g
Salt	12 g
Sugar	70 g
Coffee	10 g
Milk powder	40 g
Tea leaves	9 g

Now fill in the blanks:-

(a) The quantity of rice needed for 3 people in 1 day is _____ g.

(b) The quantity of oil needed for 5 people in 2 days is _____ g.

(c) The quantity of tea leaves needed for 2 people in 3 days is _____ g

(d) The quantity of pulses needed for a person in 6 days is _____ g.

(e) The quantity of milk powder needed for a person in 5 days is _____ g.

(f) The quantity of coffee needed for 4 people in 6 days is _____ g.

(g) The quantity of salt needed for 2 people in 4 days is _____ g.

(h) The quantity of wheat flour needed for 3 people in 5 days is _____ g.

(i) The quantity of sugar needed for 1 person in 3 days is _____ g.

(j) The quantity of rice needed for 4 people in 3 day is _____ g.

Answer key

Q1. 24 cubic cm

Q2. Volume of cuboid= 240cubic cm
     Volume of cube = 27 cubic cm
   Therefore, Volume of cuboid is greater.

Q3. (a)9000g
     (b) 18000g

Q4. 3375 cubic cm

Q5. Shape B has greater volume

Q6. (a)96 cubic m
     (b)27 cubic m
     (c) 480 cubic cm
     (d) 216 cubic cm

Q7.(a) 270 g
     (b) 500g
     (c)54 g
     (d)360 g
     (e) 200 g
     (f)240 g
     (g)96 g
     (h)2700 g
     (I)210 g
     (j)1080 g

WORKSHEET- 5

UNIT 10

CLASS 5

SUBJECT MATHS

Q1.

Q. Write the number of children by seeing the tally marks which show the different fruits children like:

Fruits	Tally Marks	Number of children
Apple	⫻ ⫻ |	
Mango	⫻ ⫻ ⫻ ⫻ ⌐ |	
Watermelon	⫻ ⫻ ⫻ |	
Lychee	⫻ ⫻ ☐ ⌐	
Cherry	⫻ ⫻ ⫻ ⫻ ⫻⌐	

Q2. The following pictograph shows the number of notebooks sold in a week in a stationery shop (one represents 7 notebooks):

Monday	📕📕📕📕📕📕📕📕📕
Tuesday	📕📕📕📕
Wednesday	📕📕📕📕📕
Thursday	📕📕
Friday	📕📕📕📕📕📕📕
Saturday	📕📕📕📕📕📕
Sunday	📕📕📕

Now answer the following questions:

(a) Which day had the minimum sale of notebooks?

Ans. _____

(b) Which day had the maximum sale of notebooks?

Ans. _____

(c) How many notebooks were sold on Thursday and Saturday ?

Ans._____

(d) How many notebooks were sold on Monday and Friday ?

Ans._____

Q3. The following pictograph shows the number of pies sold in different weeks of a month (one represents 21 pies):

Week 1	
Week 2	
Week 3	
Week 4	

Now fill in the blanks:

(a) _____ had the minimum sale of pies.

(b) _____ had the maximum sale of pies.

(c) Totally, _____ pies were sold in week 1 and week 2.

(d) Totally, _____ pies were sold in week 3 and week 1.

(e) Totally, _____ pies were sold in all the four weeks.

Q4. The following pictograph shows the number of fishes caught by some men from a pond (one represents 9 fishes):
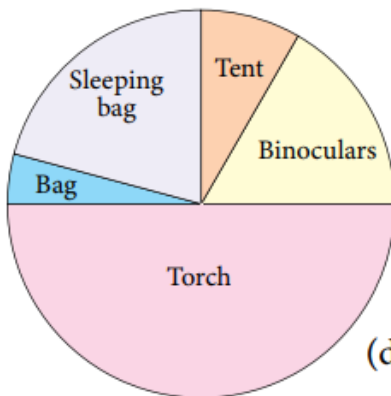
Ayan	🐟🐟🐟🐟🐟🐟🐟🐟🐟
Raj	🐟🐟🐟🐟🐟
Adiya	🐟🐟🐟🐟
Sanju	🐟🐟🐟🐟🐟🐟🐟🐟

Now fill in the blanks:

(a) _____ caught 36 fishes.

(b) _____ caught the maximum fishes.

(c) Totally, _____ fishes were caught by Raj and Sanju.

(d) Totally, _____ fishes were caught by all the children.

(e) Totally, _____ fishes were caught by Aditya and Ayan.

Q5. Ronny's Store is the best shop for buying campaing items.They made a pie chart on then sale of these items in a week:

(a) Which item is sold the most? _____

(b) Which item was sold the least? _____

(c) Which is sold more- Tent or Bag ? _____

(d) Which is sold more - Bag or Torch ? _____

Q6. The following bar graph shows the number of children who like different cartoon shows. Answer the following questions.
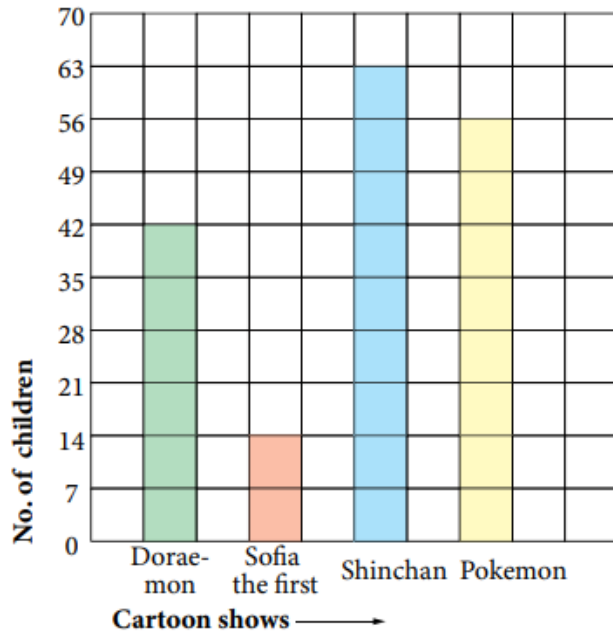
(a) Which is the most popular cartoon show ? _____

(b) Which is the least popular cartoon show ? _____

(c) Which is more popular- Doraemon or Shinchan? _____

(d) Which is more popular- Pokemon or Sofia the First? _____

ANSWER KEY

1.

Fruits	Number
Apple	11
Mango	23
Watermelon	16
Lychee	16
Cherry	27

2. a) Thursday b) Monday c) 56 d)   112

3. a) Week 4   b)   Week 1   c)   189 d)   210 e)   315

4. a) Aditya b) Ayan   c)   117 d) 234 e) 117

5. a) Torch b) Bag c) Tent d)   Torch

6. a) Shinchan b) Sofia the first c) Shinchan   d) Pokemon