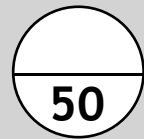




Annual Examinations

Class : 5 Vikram Lotus Mathematics



[Time : 2½ Hours]

[Max. Marks : 50]

Name :

Class :

Section :

Roll No :

Syllabus : Lotus Term Book : Term -3

Summative Assessment

I. Word problems (verbal sums).

(5 x 2 = 10)

1. Milk is priced at ₹ 18 per litre. What is the price of 15 litres of milk ?
2. If a car covers 102 kms in 6.8 litres of petrol, how much distance will it cover in 24.21 of petrol ?
3. 8 men can do a piece of work in 6 days. How many men can do the same work in 4 days ?
4. 21 classrooms of the same size require 546 desks altogether. How many desks does 1 classroom require ?
5. Meera's salary is ₹ 12,300 for 20 hours of work. Find the amount received by Meera after 31 hours of work.

- II. A newspaper delivery boy cycles 7,200 m every morning to deliver the paper in 1½ hrs. Find his speed in km/hr. (2 M)

III. Find the volume of the cuboids given in the following measurements.

(2 x 1 = 2)

1. $l = 10$ cm, $b = 4$ m, $h = 5$ cm - _____
2. $l = 5$ cm, $b = 4$ cm, $h = 3$ cm - _____

IV. Fill in the blanks.

(5 M)

1. If volume is 70 cm^3 then capacity is _____
2. There can be only _____ angle of 90° in a triangle.
3. A scalene triangle has all sides of _____ length.
4. Volume of a cube is _____
5. If capacity is 450 ml then volume is _____

Formative Assessment

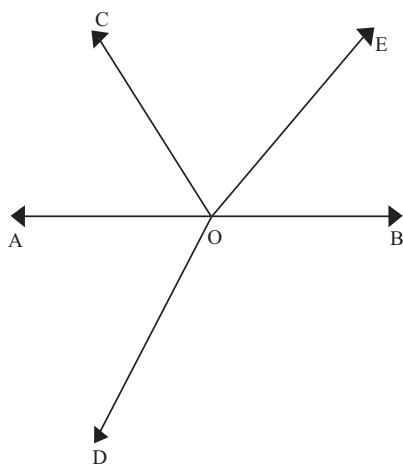
I. Complete the table given below.

(3 M)

| Sr. No | Distance | Time | Speed |
|--------|----------|-------|----------|
| 1. | | 4 hrs | 35 km/hr |
| 2. | 360 km | 4 hrs | |
| 3. | 1235 km | | 50 km/hr |

II. Name all the angles formed in the given figure.

(2 M)



III. Draw angles of the following measure using protractor and name them.

(3 × 1 = 3)

1. 121° 2. 135° 3. 160°

IV. Convert the following temperatures from Celsius to Fahrenheit scale.

(3 × 1 = 3)

1. 50°C - _____
 2. 82°C - _____
 3. 37°C - _____

V. A survey of 145 people was done to find their favourite fruit.

(5 M)

| Fruit | People |
|--------|--------|
| Apple | 35 |
| Mango | 30 |
| Banana | 10 |
| Orange | 25 |
| Grapes | 40 |
| Kiwi | 5 |

Draw a bar graph for the given data and answer the following.

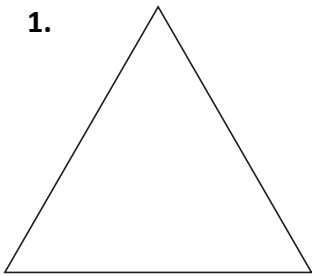
1. What is represented on the X - axis ?
2. What is represented on the Y - axis ?
3. Which is the most popular fruit ?
4. Which is the least popular fruit ?
5. Do you need a key with this graph ?

VI. Look at the following triangles. Classify them as :

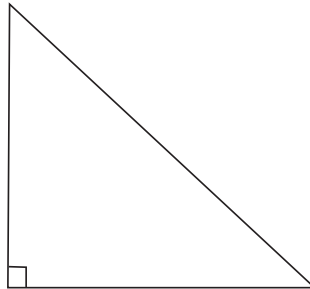
(1) Acute triangle (2) Right triangle (3) Obtuse triangle

(3 × 1 = 3)

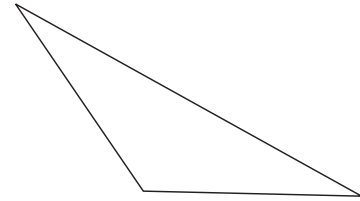
1.



2.



3.



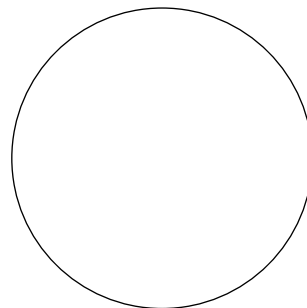
VII. Use a pencil to draw as many lines of symmetry as possible for each figure.

(2 × 1 = 2)

1.



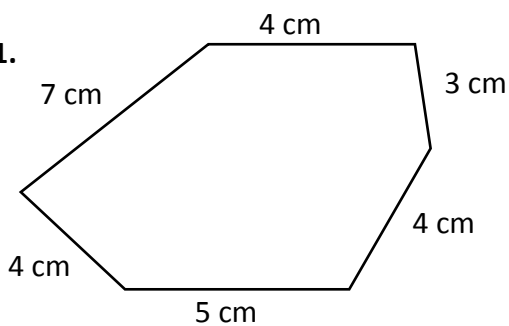
2.



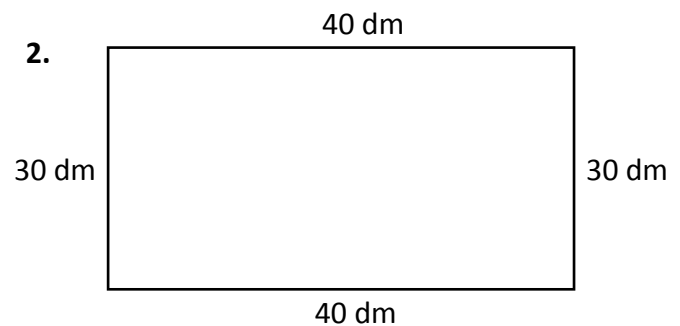
VIII. Find the perimeter of the following figures.

(2 × 1 = 2)

1.



2.



IX. The average outside temperature of each day of a city is recorded as follows.

(2 M)

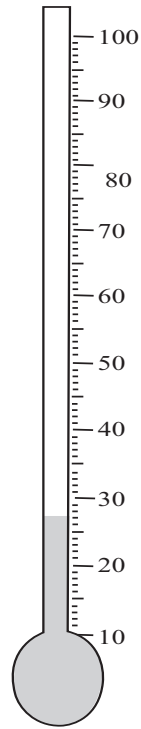
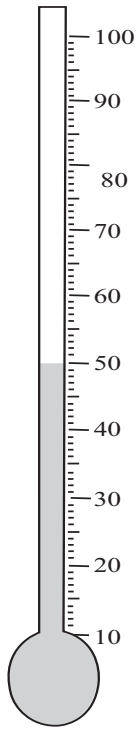
Monday 86° F, Tuesday 90° F, Wednesday 87° F,

Thursday 84° F, Friday 85° F

1. On which day was the temperature maximum ?
2. What is the average temperature of 5 days ?

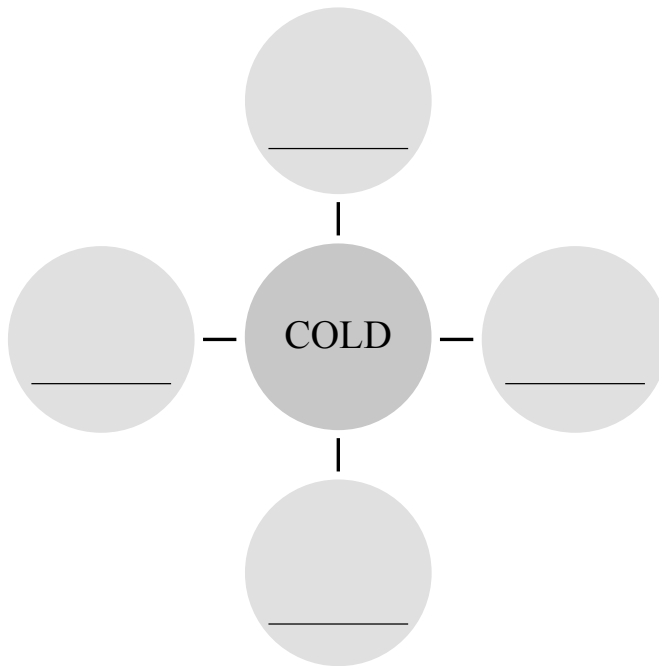
X. Write the temperature shown in each thermometer.

(2 × 1 = 2)



XI. Write 4 things that are cold in temperature.

(4 M)



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