

Standard : V

MATHEMATICS

Time : 2 Hrs

- 15 minutes is given as cool-off time.
- Read the questions carefully during this time.
- Answer any **FIVE** From the given **SEVEN** activities.

Activity 1 – Circle Beauty

a) Rahim, Daisy and Anusree drew some circles. The radius and diameter are given in the table. Complete it.

Students	Radius	Diameter
Rahim	2 cm	4 cm
Daisy	3 cm
Anusree	10 cm

b) Draw three circles with same centre using the above measurements.

Activity 2 - Job and Wages

There are 24 workers in a farm. 12 of them work in daytime and 12 work at night. Those who work in daytime will get Rs.600/- per day. Those who work at night get more wages.

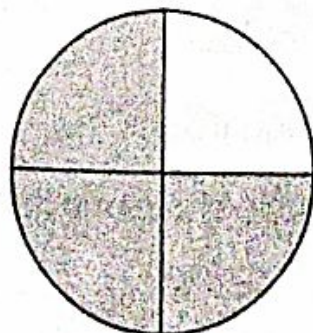
- What is the total wage of a worker who works during daytime for 7 days?
- The total wage of one worker who works during night for 7 days is Rs.5950/-. What is the wage of a worker per day?
- Calculate the wage of all workers in a week.

Activity 3 - Let's Divide and Write

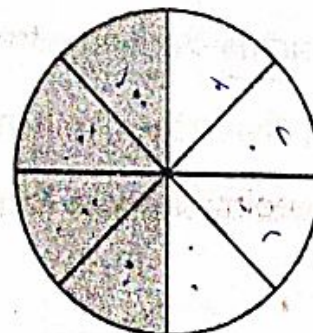
Look at the pictures.



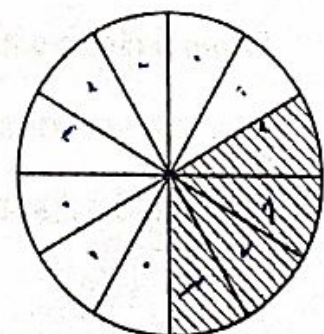
(i)



(ii)



(iii)



(iv)

- Write the fraction of the shaded part in each picture.
- Among these, which are the equal fractions?
- Write an equal fraction for the following.

(i) $\frac{3}{4}$ (ii) $\frac{4}{12}$

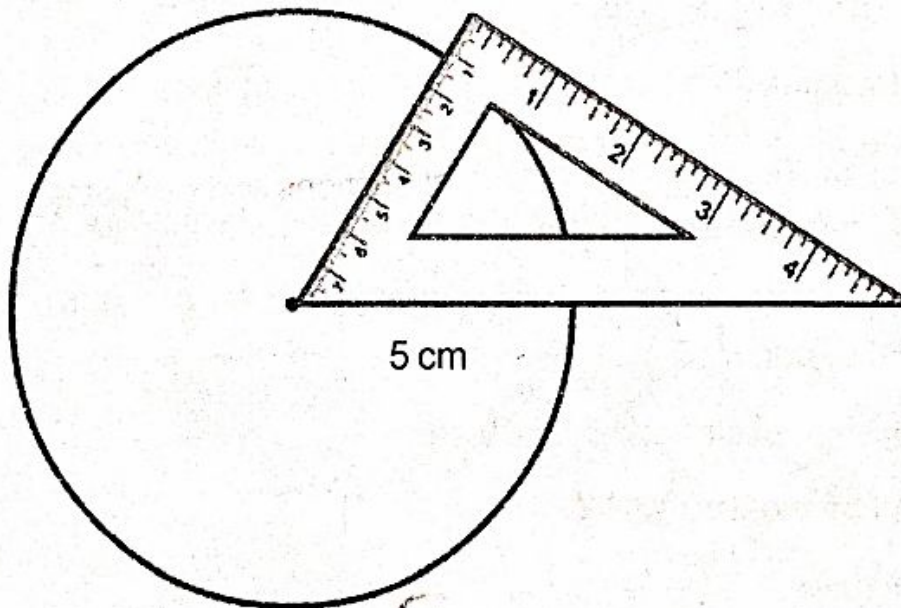
Activity 4 - Banner Making

A banner was prepared for the 'Anti-Drug rally' with length 2 metres and width 50 centimetres.

- Write the length of the banner in centimetres.
- What is the area of the banner in square centimeters?
- If its width is doubled, what would be the area in square centimeters?
- If the length and breadth of a rectangle is doubled, how many times the area will be?

Activity 5 - Let's Divide the Circle

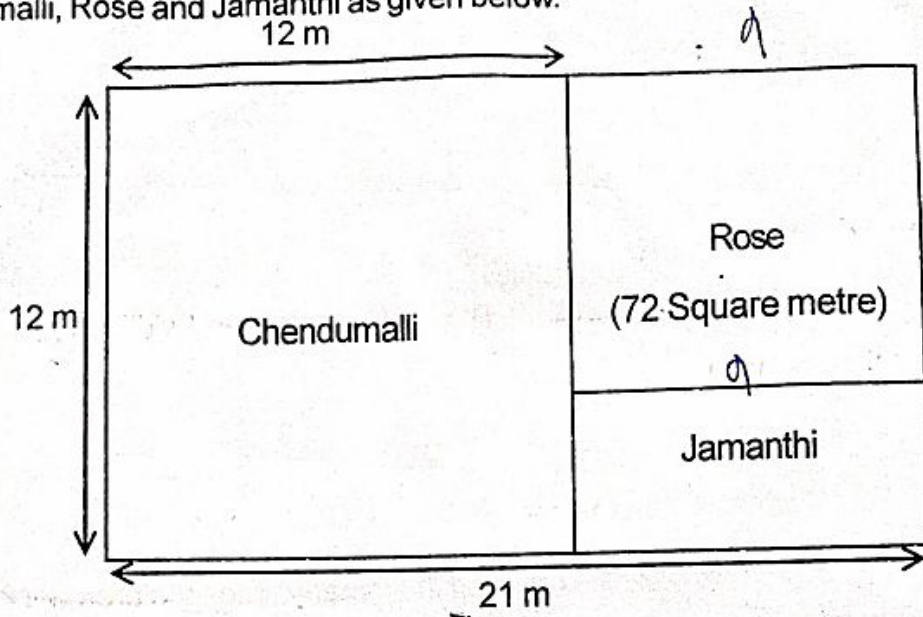
Look at the picture....



- Draw a circle with radius 5 centimetres .
- Using a set square, divide the circle into 6 equal parts.
- Join the 6 adjacent points marked on the circle and name the figure you got.

Activity 6 - Garden Making

A rectangular plot of length 21 metres and width 12 metres is selected to cultivate Chendumalli, Rose and Jamanthi as given below.

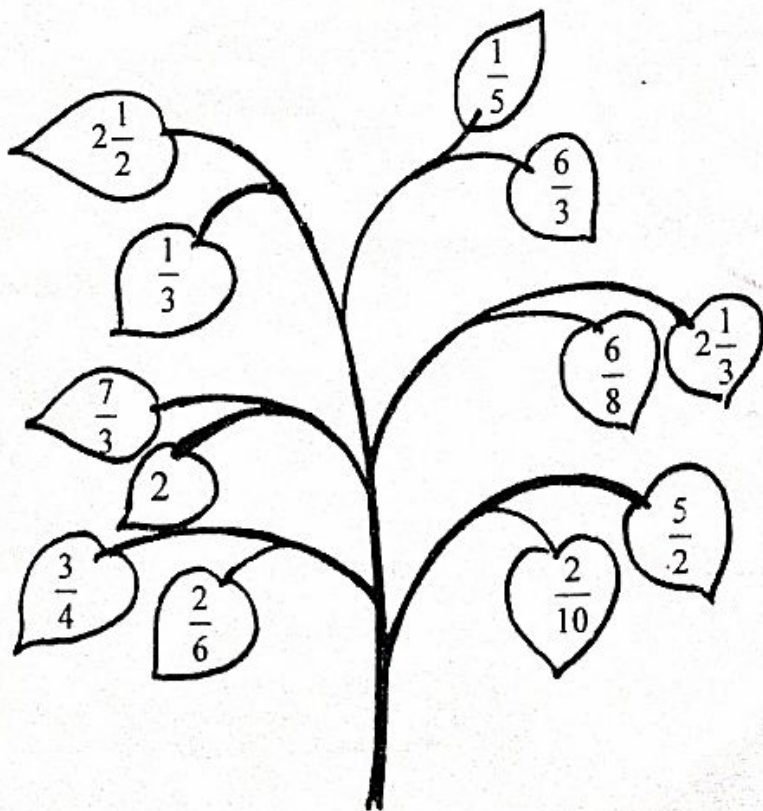


- Chendumalli is cultivated in a square plot with sides 12 metres. Find its area.
- Find the length of the Rose cultivated plot in meters? If its area is 72 square metres, find its width.
- Find the area where Jamanthi is cultivated?

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Activity 7- Pair of Leaves

Look at the leaves of this plant. Find out equal fractions and complete the table.



A	B
$\frac{1}{5}$	$\frac{2}{10}$
.....
.....
.....
.....
.....