

NAME :

SECTION :

ROLL No.

**Q.1 Fill in the blanks :**

- (a) The radius is \_\_\_\_\_ of the diameter.
- (b) The longest chord of a circle is called \_\_\_\_\_.
- (c) The distance around the circle is called \_\_\_\_\_.
- (d) The diameter of a circle always passes through its \_\_\_\_\_.
- (e) The \_\_\_\_\_ divides the circle into two equal parts.
- (f) The distance from the centre of the circle to the boundary in any direction is called \_\_\_\_\_ of the circle.

**Q.1 Tick (✓) the correct option :**

(a) A circle always has \_\_\_\_\_ centre(s).

- (i) one       (ii) four       (iii) six       (iv) two

(b) The line segment that joins the centre of the circle the boundary-

- (i) radius       (ii) diameter       (iii) chord       (iv) none of these


(c) A circle is a \_\_\_\_\_ figure.

- (i) open       (iii) closed       (ii) open, curved       (iv) none of these

(d) A circle is formed by \_\_\_\_\_ line.

- (i) straight       (iii) zig-zag       (ii) curved       (iv) none of these

(e) Choose the option which is a circle-

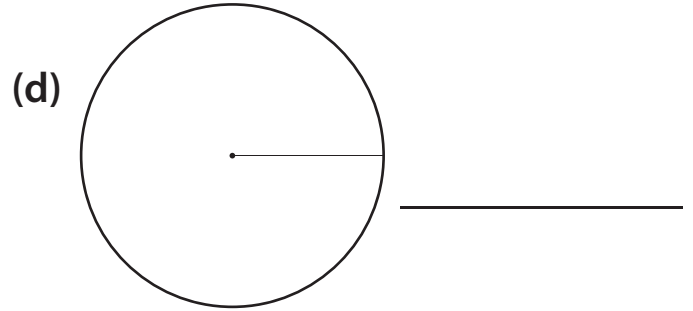
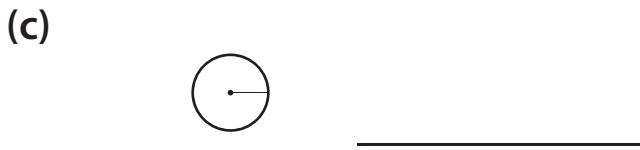
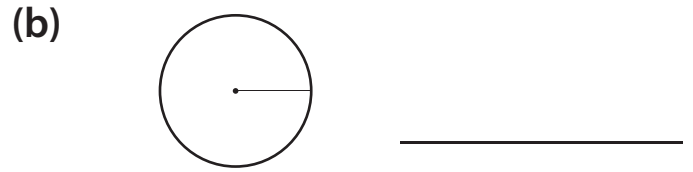
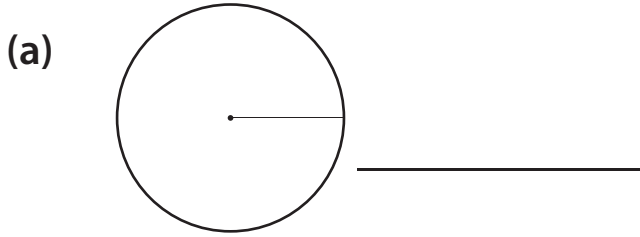
- (i)        (ii)        (iii)        (iv) 

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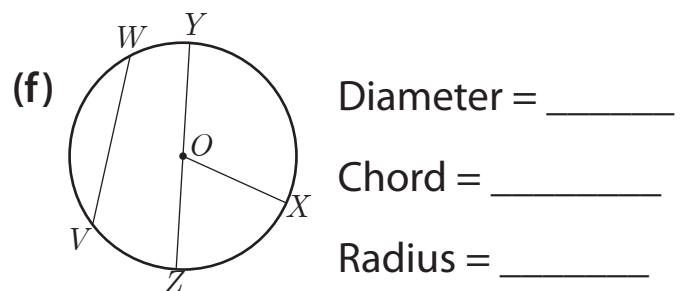
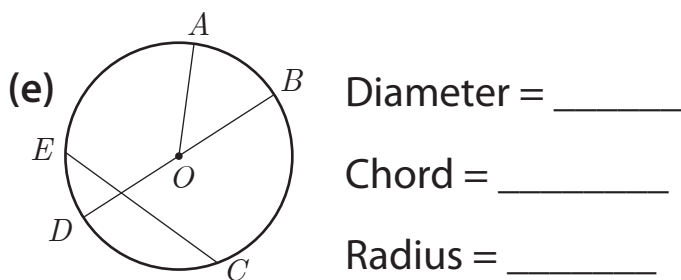
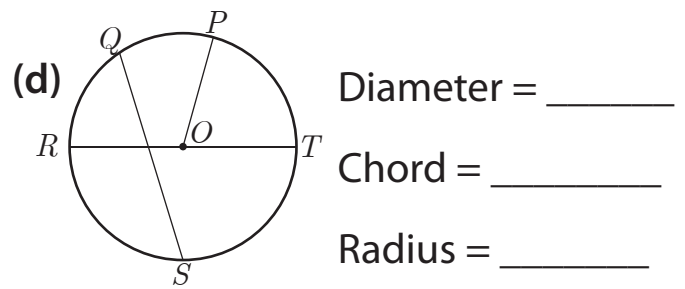
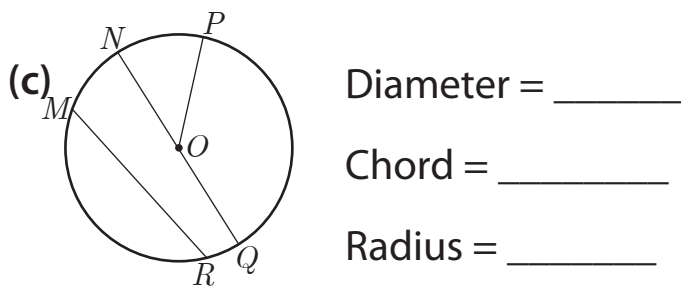
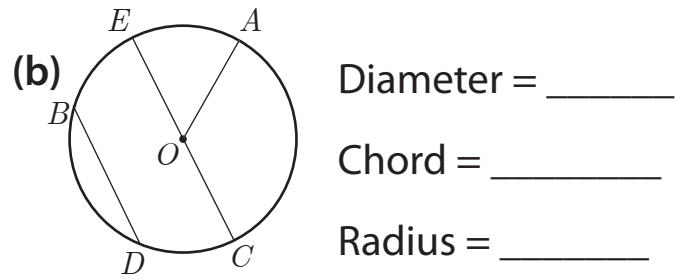
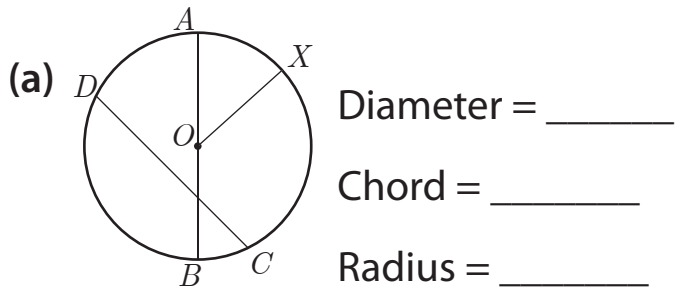
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**Q.1 Find the radii of the following circles ( in mm ) :-**



**Q.2 Identify the parts of each circle:**



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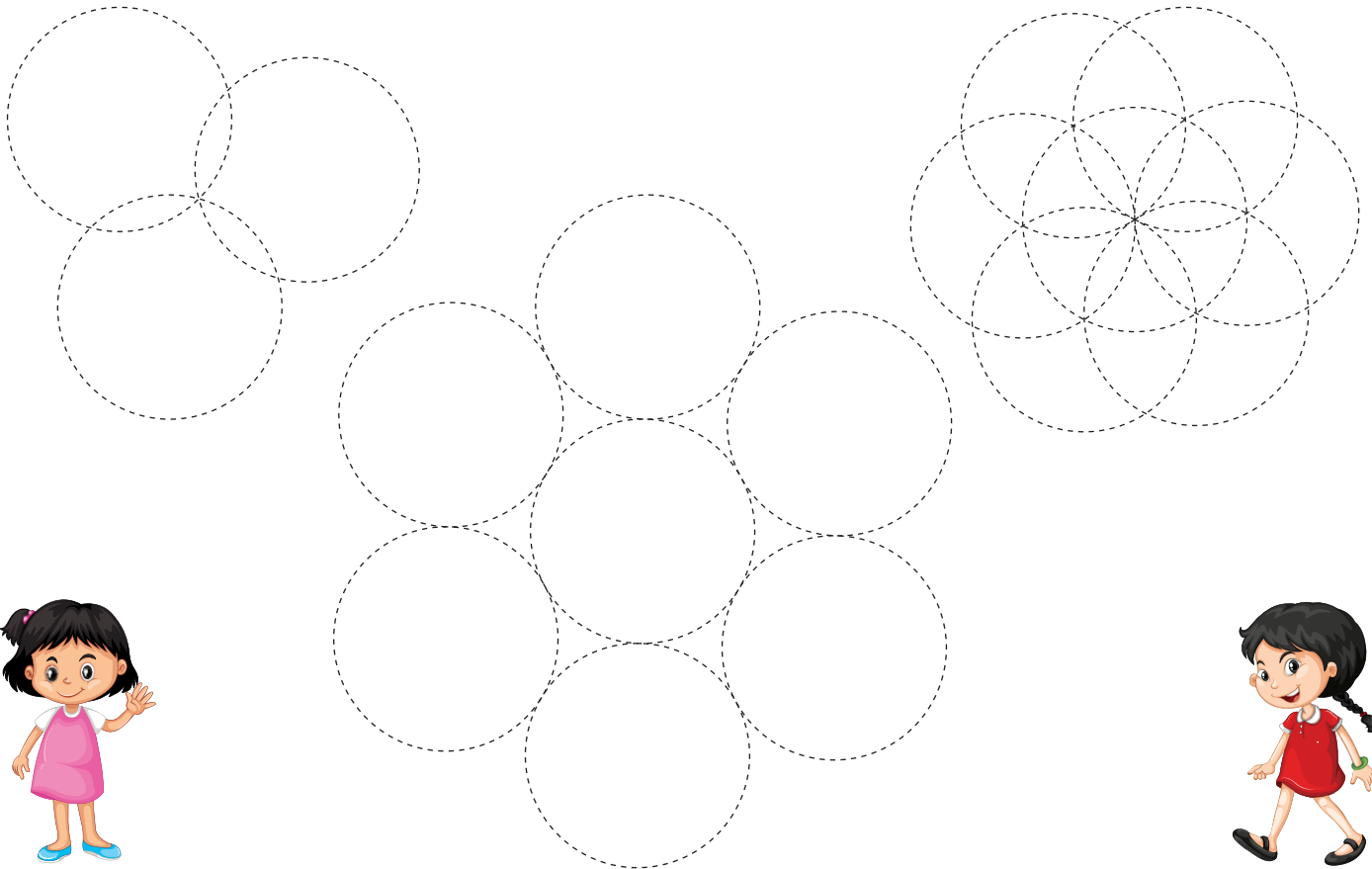
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**Q.1 Give the radius if the diameter of the circle is :**

- (a) 9 cm - \_\_\_\_\_ (b) 12 cm - \_\_\_\_\_ (c) 6 cm - \_\_\_\_\_  
(d) 7 cm - \_\_\_\_\_ (e) 4 cm - \_\_\_\_\_ (f) 11 cm - \_\_\_\_\_  
(g) 14 cm - \_\_\_\_\_ (h) 22 cm - \_\_\_\_\_ (i) 20 cm - \_\_\_\_\_  
(k) 15 cm - \_\_\_\_\_ (l) 64 cm - \_\_\_\_\_ (m) 34 cm - \_\_\_\_\_

**Q.2 Give the diameter if the radius of the circle is :**

- (a) 4.5 cm - \_\_\_\_\_ (b) 2 cm - \_\_\_\_\_ (c) 6.5 cm - \_\_\_\_\_  
(d) 15 cm - \_\_\_\_\_ (e) 4 cm - \_\_\_\_\_ (f) 1.5 cm - \_\_\_\_\_  
(g) 7.5 cm - \_\_\_\_\_ (h) 25.5 cm - \_\_\_\_\_ (i) 25 cm - \_\_\_\_\_  
(k) 7 cm - \_\_\_\_\_ (l) 64 cm - \_\_\_\_\_ (m) 33 cm - \_\_\_\_\_

**Q.3 Trace the following dots with a pencil and compass :**

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**Q.1 Draw circles of different sizes using a coin, bottom part of a bottle and a glass. Color the largest circle made yellow and the smallest circle made green**

**Q.2 Draw circles for the following radii :-**

(a) 2 cm

(d) 3 cm

(b) 1 cm

(c) 2.5 cm

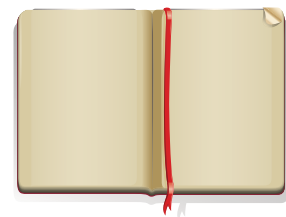
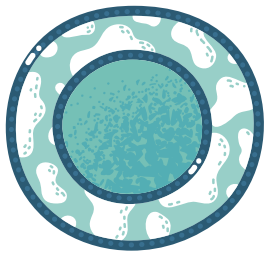
(c) 1.5 cm

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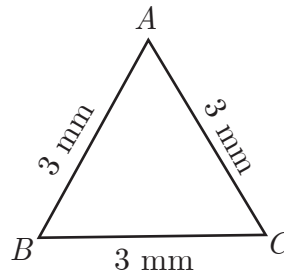
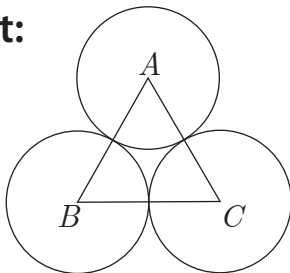
ROLL No.

**Q.1 Circle the objects which have a circular base :**

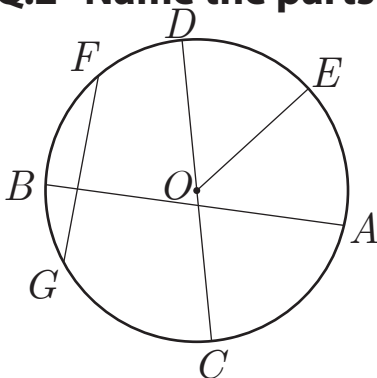


**Q.2 Draw three circles of equal radii on the corners of the following triangle XYZ (taking A,B,C as the centre)**

Hint:



**Q.2 Name the parts of the following circle :**



(a)  $OA =$  \_\_\_\_\_ (b)  $AB =$  \_\_\_\_\_

(c)  $OE =$  \_\_\_\_\_ (d)  $FG =$  \_\_\_\_\_

(e)  $DC =$  \_\_\_\_\_ (f)  $OD =$  \_\_\_\_\_