Question 1. From the figure, identify:
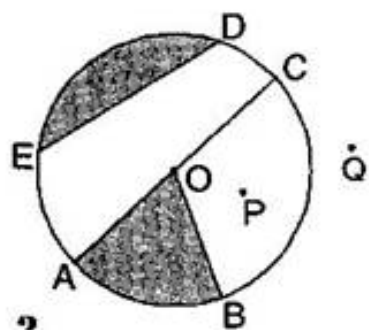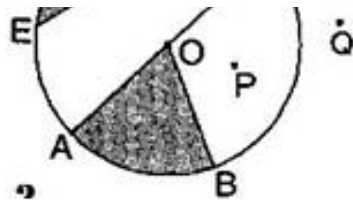

(a)The centre of circle.

(b)Three radii.

(c)A diameter.

(d)A chord.

(e)Two points in the interior.

(f)A point in the exterior.

(g)A sector.

(h)A segment.

Answer:

(a) O is the centre.

(b) Three radii: OA, OB and OC

(c) A diameter: AC

(d) A chord: ED

(e) Interior points: O, P

(f) Exterior point: Q

(g) A sector: OAB

(h) A segment:

Question 2. (a) Is every diameter of a circle also a chord?

(b) Is every chord of a circle also a diameter?

Answer: (a) Yes, every diameter of a circle is also a chord.

(b) No, every chord of a circle is not a diameter.
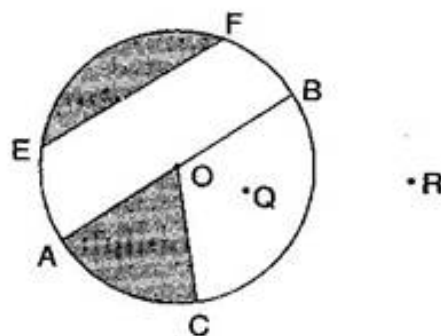
Question 3. Draw any circle and mark:

(a)Its centre.

(b)A radius.

(c)A diameter.

(d)A sector.

Answer: Sol.

Question 4. Say true or false:

(a)Two diameters of a circle will necessarily intersect.

(b)The centre of a circle is always in its interior.

Answer: (a) True

(b) True

********** END *********