



In the figure, 2 circle each have same radius X . What should be the shaded reason ?

- a) $(2\pi - \sqrt{3})x^2/6$
- b) $(4\pi - 3\sqrt{3})X^2/12$
- c) $(4\pi - 3\sqrt{3})X^2/6$
- d) $(4\pi - \sqrt{3})x^2/6$
- e) $(6\pi - \sqrt{3})x^2/6$

2. A parallelogram ABCD lies in the XY plane where A point in origin. The co-ordinate of point B are $(-3, -4)$, and the co-ordinates of point C are $(-7, -7)$. What is the area of the parallelogram ?

- a) 1
- b) $2\sqrt{7}$
- c) 7
- d) 8
- E) $7\sqrt{2}$