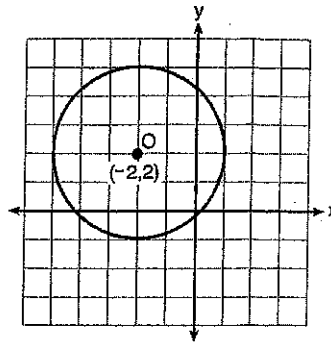


4

What is an equation of circle  $O$  shown in the graph below?



1)  $(x+2)^2 + (y-2)^2 = 9$

2)  $(x+2)^2 + (y-2)^2 = 3$

3)  $(x-2)^2 + (y+2)^2 = 9$

4)  $(x-2)^2 + (y+2)^2 = 3$

$(x+2)^2 + (y-2)^2 = 9$

5

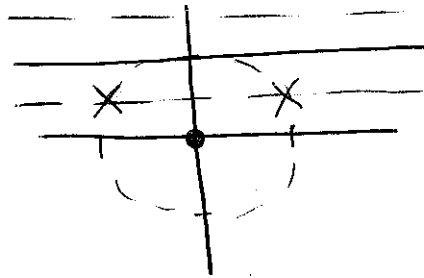
How many points are both 4 units from the origin and also 2 units from the line  $y = 4$ ?

1) 1

2) 2

3) 3

4) 4



6

What is an equation of the line that passes through the point  $(7,3)$  and is parallel to the line  $4x + 2y = 10$ ?

1)  $y = \frac{1}{2}x - \frac{1}{2}$

2)  $y = -\frac{1}{2}x + \frac{13}{2}$

3)  $y = 2x - 11$

4)  $y = -2x + 17$

$2y = -4x + 10$

$y = -2x + 5$

$y - 3 = -2(x - 7)$

$y - 3 = -2x + 14$

$y = -2x + 17$