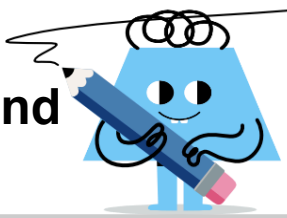
Name

Graphing Circles - Center Coordinate and Radius to Equation



1

$C = (-2, -1)$

$r = 2$

Which equation would have this center coordinate and radius?

A $(x+2)^2 + (y+1)^2 = 2^2$

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

2

$C = (-5, 3)$

$r = 4$

Which equation would have this center coordinate and radius?

A $(x+5)^2 + (y-3)^2 = 4^2$

B $(x+5)^2 + (y+3)^2 = 4^2$

3

$C = (-1, 1)$

$r = 4$

Which equation would have this center coordinate and radius?

A $(x-1)^2 + (y+1)^2 = 4^2$

B $(x+1)^2 + (y-1)^2 = 4^2$

4

$C = (2, -5)$

$r = 1$

Which equation would have this center coordinate and radius?

A $(x-2)^2 + (y+5)^2 = 1^2$

B $(x-2)^2 + (y-5)^2 = 1^2$

5

$C = (-6, 5)$

$r = 3$

Which equation would have this center coordinate and radius?

A $(x+6)^2 + (y-5)^2 = 3^2$

B $(x-6)^2 + (y+5)^2 = 3^2$

6

$C = (-3, -6)$

$r = 2$

Which equation would have this center coordinate and radius?

A $(x+3)^2 + (y+6)^2 = 2^2$

B $(x-3)^2 + (y-6)^2 = 2^2$

7

$C = (3, 4)$

$r = 2$

Which equation would have this center coordinate and radius?

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

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

8

$C = (5, -6)$

$r = 4$

Which equation would have this center coordinate and radius?

A $(x+5)^2 + (y-6)^2 = 4^2$

B $(x-5)^2 + (y+6)^2 = 4^2$