Equations of Circles · 1

Find the center of the circle $(x - 2)^2 + (y - 4)^2 = 9$. Write it as (h, k).

Equations of Circles · 2

Find the radius of the circle $(x + 1)^2 + (y + 2)^2 = 1$.

Equations of Circles · 3

Write the equation of the circle with center (3, -4) and radius 5.

Equations of Circles · 4

Find the center of the circle $(x - 1)^2 + (y + 3)^2 = 4$. Write it as (h, k).

Equations of Circles · 5

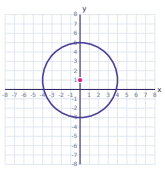
Find the radius of the circle $(x + 4)^2 + (y + 2)^2 = 1$.

Equations of Circles · 6

Write the equation of the circle with center (2, -3) and radius 1.

Equations of Circles · 7

Write the equation of the circle shown.



Equations of Circles · 8

Find the center of the circle $x^2 + (y + 3)^2 = 36$. Write it as (h, k).

Equations of Circles · 2

ANSWER

1

Equations of Circles · 1

ANSWER

(2, 4)

Equations of Circles · 4

ANSWER

(1, -3)

Equations of Circles · 3

ANSWER

$(x - 3)^2 + (y + 4)^2 = 25$

Equations of Circles · 6

ANSWER

$(x - 2)^2 + (y + 3)^2 = 1$

Equations of Circles · 5

ANSWER

1

Equations of Circles · 8

ANSWER

(0, -3)

Equations of Circles · 7

ANSWER

$x^2 + (y - 1)^2 = 16$

Equations of Circles · 9

Find the center of the circle $(x - 4)^2 + (y - 5)^2 = 25$. Write it as (h, k).

Equations of Circles · 10

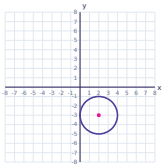
Find the radius of the circle $(x - 3)^2 + (y + 2)^2 = 25$.

Equations of Circles · 11

Write the equation of the circle with center (-5, 1) and radius 5.

Equations of Circles · 12

Write the equation of the circle shown.



Equations of Circles · 13

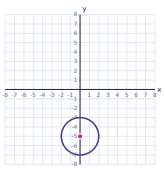
Find the center of the circle $(x - 5)^2 + (y - 3)^2 = 1$. Write it as (h, k).

Equations of Circles · 14

Write the equation of the circle with center (0, 4) and radius 6.

Equations of Circles · 15

Write the equation of the circle shown.



Equations of Circles · 16

Find the radius of the circle $(x - 3)^2 + (y + 3)^2 = 36$.

Equations of Circles · 10

ANSWER

5

Equations of Circles · 9

ANSWER

$(4, 5)$

Equations of Circles · 12

ANSWER

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

Equations of Circles · 11

ANSWER

$(x + 5)^2 + (y - 1)^2 = 25$

Equations of Circles · 14

ANSWER

$x^2 + (y - 4)^2 = 36$

Equations of Circles · 13

ANSWER

$(5, 3)$

Equations of Circles · 16

ANSWER

6

Equations of Circles · 15

ANSWER

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

Equations of Circles · 17

Find the center of the circle $(x - 4)^2 + (y - 6)^2 = 100$. Write it as (h, k).

Equations of Circles · 18

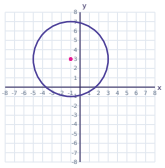
Find the radius of the circle $(x + 4)^2 + y^2 = 100$.

Equations of Circles · 19

Write the equation of the circle with center (-5, -1) and radius 9.

Equations of Circles · 20

Write the equation of the circle shown.



Equations of Circles · 21

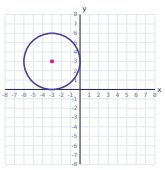
Find the center of the circle $(x - 6)^2 + (y + 2)^2 = 9$. Write it as (h, k).

Equations of Circles · 22

Write the equation of the circle with center (3, -1) and radius 9.

Equations of Circles · 23

Write the equation of the circle shown.



Equations of Circles · 24

Find the radius of the circle $(x - 3)^2 + (y + 1)^2 = 16$.

Equations of Circles · 18

ANSWER

10

Equations of Circles · 17

ANSWER

$(4, 6)$

Equations of Circles · 20

ANSWER

$(x + 1)^2 + (y - 3)^2 = 16$

Equations of Circles · 19

ANSWER

$(x + 5)^2 + (y + 1)^2 = 81$

Equations of Circles · 22

ANSWER

$(x - 3)^2 + (y + 1)^2 = 81$

Equations of Circles · 21

ANSWER

$(6, -2)$

Equations of Circles · 24

ANSWER

4

Equations of Circles · 23

ANSWER

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