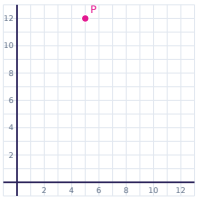
Polar Coordinates · 1

The point P(5, 12) is written in polar form (r, θ). Find r.



Polar Coordinates · 2

The point P(20, 21) is written in polar form (r, θ). Find r.

Polar Coordinates · 3

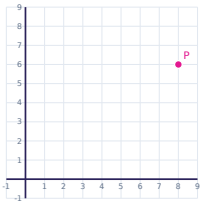
The point P(-24, -7) is written in polar form (r, θ). Find r.

Polar Coordinates · 4

The point P(-21, -20) is written in polar form (r, θ). Find r.

Polar Coordinates · 5

The point P(8, 6) is written in polar form (r, θ). Find r.

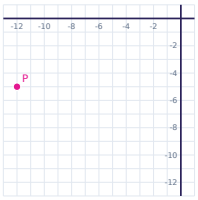


Polar Coordinates · 6

The point P(8, 15) is written in polar form (r, θ). Find r.

Polar Coordinates · 7

The point P(-12, -5) is written in polar form (r, θ). Find r.



Polar Coordinates · 8

Convert the rectangular point (3, 3) to polar coordinates.

Polar Coordinates · 2

ANSWER

29

Polar Coordinates · 1

ANSWER

13

Polar Coordinates · 4

ANSWER

29

Polar Coordinates · 3

ANSWER

25

Polar Coordinates · 6

ANSWER

17

Polar Coordinates · 5

ANSWER

10

Polar Coordinates · 8

ANSWER

(3√2, 45°)

Polar Coordinates · 7

ANSWER

13

Polar Coordinates · 9

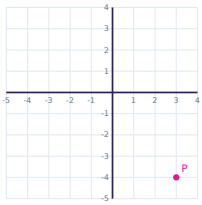
The point P(24, -7) is written in polar form (r, θ). Find r.

Polar Coordinates · 10

Convert the rectangular point (-4√3, 4) to polar coordinates.

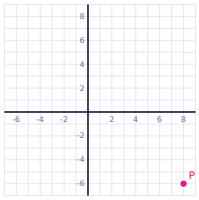
Polar Coordinates · 11

The point P(3, -4) is written in polar form (r, θ). Find r.



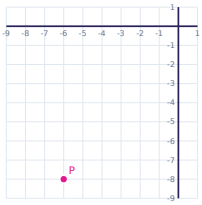
Polar Coordinates · 12

The point P(8, -6) is written in polar form (r, θ). Find r.



Polar Coordinates · 13

The point P(-6, -8) is written in polar form (r, θ). Find r.



Polar Coordinates · 14

The point P(20, -21) is written in polar form (r, θ). Find r.

Polar Coordinates · 15

The point P(-8, -15) is written in polar form (r, θ). Find r.

Polar Coordinates · 16

The point P(-20, 21) is written in polar form (r, θ). Find r.

Polar Coordinates · 10

ANSWER

(8, 150°)

Polar Coordinates · 9

ANSWER

25

Polar Coordinates · 12

ANSWER

10

Polar Coordinates · 11

ANSWER

5

Polar Coordinates · 14

ANSWER

29

Polar Coordinates · 13

ANSWER

10

Polar Coordinates · 16

ANSWER

29

Polar Coordinates · 15

ANSWER

17

Polar Coordinates · 17

Convert the rectangular point (-2, 2√3) to polar coordinates.

Polar Coordinates · 18

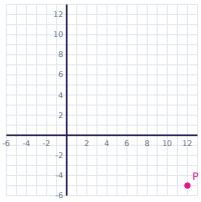
The point P(15, 8) is written in polar form (r, θ). Find r.

Polar Coordinates · 19

Convert the rectangular point (2√3, 2) to polar coordinates.

Polar Coordinates · 20

The point P(12, -5) is written in polar form (r, θ). Find r.

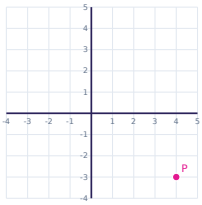


Polar Coordinates · 21

The point P(15, -8) is written in polar form (r, θ). Find r.

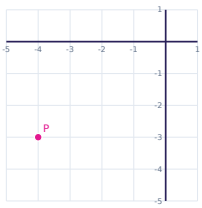
Polar Coordinates · 22

The point P(4, -3) is written in polar form (r, θ). Find r.



Polar Coordinates · 23

The point P(-4, -3) is written in polar form (r, θ). Find r.



Polar Coordinates · 24

The point P(21, 20) is written in polar form (r, θ). Find r.

Polar Coordinates · 18

ANSWER

17

Polar Coordinates · 17

ANSWER

(4, 120°)

Polar Coordinates · 20

ANSWER

13

Polar Coordinates · 19

ANSWER

(4, 30°)

Polar Coordinates · 22

ANSWER

5

Polar Coordinates · 21

ANSWER

17

Polar Coordinates · 24

ANSWER

29

Polar Coordinates · 23

ANSWER

5