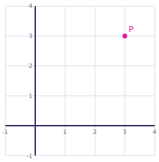
Dilations & Scale Factor · 1

Dilate P(3, 3) by a scale factor of 2. What are the coordinates of P'?

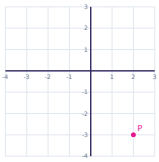


Dilations & Scale Factor · 2

A dilation maps P(-2, 2) to P'(-6, 6). What is the scale factor?

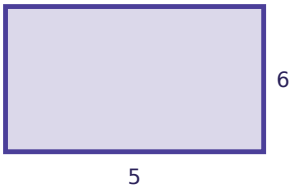
Dilations & Scale Factor · 3

Dilate P(2, -3) by a scale factor of 2. What are the coordinates of P'?



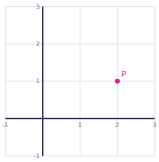
Dilations & Scale Factor · 4

A rectangle is 5 units long and 6 units wide. It is dilated by a scale factor of 2. How long is the longer side of the image?



Dilations & Scale Factor · 5

Dilate P(2, 1) by a scale factor of 3. What are the coordinates of P'?

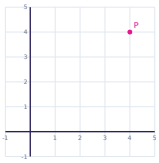


Dilations & Scale Factor · 6

A dilation maps P(-3, 2) to P'(-6, 4). What is the scale factor?

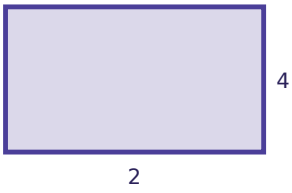
Dilations & Scale Factor · 7

Dilate P(4, 4) by a scale factor of 2. What are the coordinates of P'?



Dilations & Scale Factor · 8

A rectangle is 2 units long and 4 units wide. It is dilated by a scale factor of 2. How long is the longer side of the image?



Dilations & Scale Factor · 2

ANSWER

3

Dilations & Scale Factor · 1

ANSWER

(6, 6)

Dilations & Scale Factor · 4

ANSWER

12

Dilations & Scale Factor · 3

ANSWER

(4, -6)

Dilations & Scale Factor · 6

ANSWER

2

Dilations & Scale Factor · 5

ANSWER

(6, 3)

Dilations & Scale Factor · 8

ANSWER

8

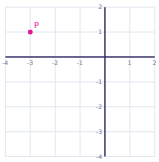
Dilations & Scale Factor · 7

ANSWER

(8, 8)

Dilations & Scale Factor · 9

Dilate P(-3, 1) by a scale factor of 2. What are the coordinates of P'?

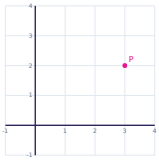


Dilations & Scale Factor · 10

A dilation maps P(-3, 4) to P'(-6, 8). What is the scale factor?

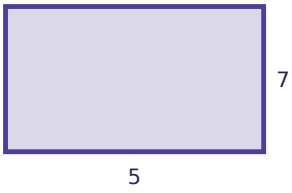
Dilations & Scale Factor · 11

Dilate P(3, 2) by a scale factor of 2. What are the coordinates of P'?



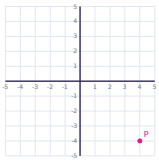
Dilations & Scale Factor · 12

A rectangle is 5 units long and 7 units wide. It is dilated by a scale factor of 3. How long is the longer side of the image?



Dilations & Scale Factor · 13

Dilate P(4, -4) by a scale factor of 2. What are the coordinates of P'?

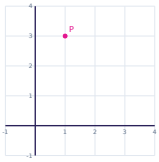


Dilations & Scale Factor · 14

A dilation maps P(1, -1) to P'(3, -3). What is the scale factor?

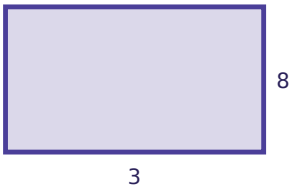
Dilations & Scale Factor · 15

Dilate P(1, 3) by a scale factor of 3. What are the coordinates of P'?



Dilations & Scale Factor · 16

A rectangle is 3 units long and 8 units wide. It is dilated by a scale factor of 2. How long is the longer side of the image?



Dilations & Scale Factor · 10

ANSWER

2

Dilations & Scale Factor · 9

ANSWER

(-6, 2)

Dilations & Scale Factor · 12

ANSWER

21

Dilations & Scale Factor · 11

ANSWER

(6, 4)

Dilations & Scale Factor · 14

ANSWER

3

Dilations & Scale Factor · 13

ANSWER

(8, -8)

Dilations & Scale Factor · 16

ANSWER

16

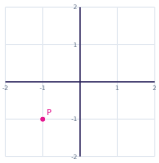
Dilations & Scale Factor · 15

ANSWER

(3, 9)

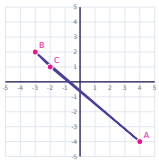
Dilations & Scale Factor · 17

Dilate P(-1, -1) by a scale factor of 3. What are the coordinates of P'?



Dilations & Scale Factor · 18

Triangle ABC is dilated by a scale factor of 3. What are the coordinates of B'?

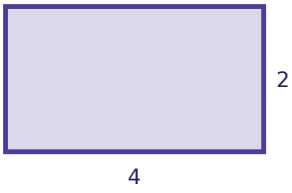


Dilations & Scale Factor · 19

A dilation maps P(-2, 1) to P'(-8, 4). What is the scale factor?

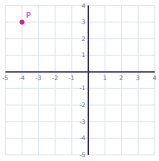
Dilations & Scale Factor · 20

A rectangle is 4 units long and 2 units wide. It is dilated by a scale factor of 4. How long is the longer side of the image?



Dilations & Scale Factor · 21

Dilate P(-4, 3) by a scale factor of 3. What are the coordinates of P'?

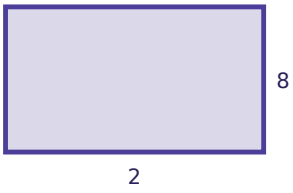


Dilations & Scale Factor · 22

A dilation maps P(-3, 1) to P'(-9, 3). What is the scale factor?

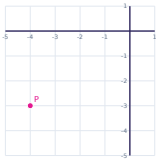
Dilations & Scale Factor · 23

A rectangle is 2 units long and 8 units wide. It is dilated by a scale factor of 3. How long is the longer side of the image?



Dilations & Scale Factor · 24

Dilate P(-4, -3) by a scale factor of 3. What are the coordinates of P'?



Dilations & Scale Factor · 18

ANSWER

(-9, 6)

Dilations & Scale Factor · 17

ANSWER

(-3, -3)

Dilations & Scale Factor · 20

ANSWER

16

Dilations & Scale Factor · 19

ANSWER

4

Dilations & Scale Factor · 22

ANSWER

3

Dilations & Scale Factor · 21

ANSWER

(-12, 9)

Dilations & Scale Factor · 24

ANSWER

(-12, -9)

Dilations & Scale Factor · 23

ANSWER

24