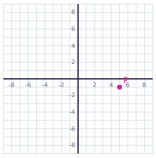
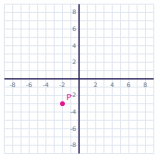
Transformations of Graphs · 1

P(5, -1) is on the graph of y = f(x). Which point must be on the graph of y = -f(x)?



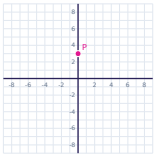
Transformations of Graphs · 2

P(-2, -3) is on the graph of y = f(x). Which point must be on the graph of y = f(-x)?



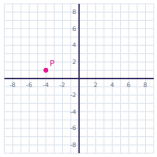
Transformations of Graphs · 3

P(0, 3) is on the graph of y = f(x). Which point must be on the graph of y = -f(x)?



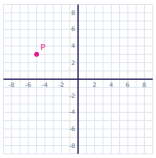
Transformations of Graphs · 4

P(-4, 1) is on the graph of y = f(x). Which point must be on the graph of y = f(-x)?



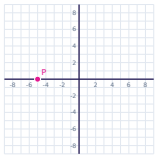
Transformations of Graphs · 5

P(-5, 3) is on the graph of y = f(x). Which point must be on the graph of y = -f(x)?



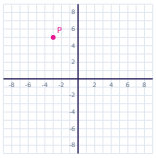
Transformations of Graphs · 6

P(-5, 0) is on the graph of y = f(x). Which point must be on the graph of y = f(-x)?



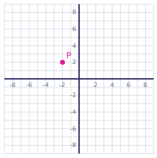
Transformations of Graphs · 7

P(-3, 5) is on the graph of y = f(x). Which point must be on the graph of y = f(-x)?



Transformations of Graphs · 8

P(-2, 2) is on the graph of y = f(x). Which point must be on the graph of y = 4f(x)?



Transformations of Graphs · 2

ANSWER

(2, -3)

Transformations of Graphs · 1

ANSWER

(5, 1)

Transformations of Graphs · 4

ANSWER

(4, 1)

Transformations of Graphs · 3

ANSWER

(0, -3)

Transformations of Graphs · 6

ANSWER

(5, 0)

Transformations of Graphs · 5

ANSWER

(-5, -3)

Transformations of Graphs · 8

ANSWER

(-2, 8)

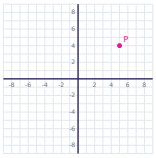
Transformations of Graphs · 7

ANSWER

(3, 5)

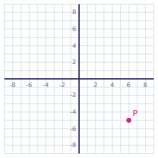
Transformations of Graphs · 9

P(5, 4) is on the graph of y = f(x). Which point must be on the graph of y = f(-x)?



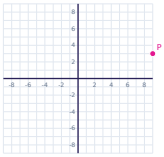
Transformations of Graphs · 10

P(6, -5) is on the graph of y = f(x). Which point must be on the graph of y = f(3x)?



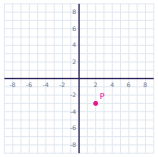
Transformations of Graphs · 11

P(9, 3) is on the graph of y = f(x). Which point must be on the graph of y = f(3x)?



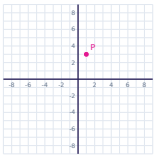
Transformations of Graphs · 12

P(2, -3) is on the graph of y = f(x). Which point must be on the graph of y = f(-x)?



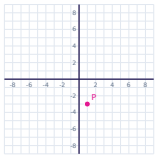
Transformations of Graphs · 13

P(1, 3) is on the graph of y = f(x). Which point must be on the graph of y = 2f(x)?



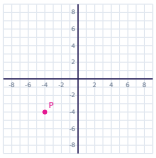
Transformations of Graphs · 14

P(1, -3) is on the graph of y = f(x). Which point must be on the graph of y = 2f(x)?



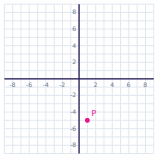
Transformations of Graphs · 15

P(-4, -4) is on the graph of y = f(x). Which point must be on the graph of y = -f(x)?



Transformations of Graphs · 16

P(1, -5) is on the graph of y = f(x). Which point must be on the graph of y = -f(x)?



Transformations of Graphs · 10

ANSWER

(2, -5)

Transformations of Graphs · 9

ANSWER

(-5, 4)

Transformations of Graphs · 12

ANSWER

(-2, -3)

Transformations of Graphs · 11

ANSWER

(3, 3)

Transformations of Graphs · 14

ANSWER

(1, -6)

Transformations of Graphs · 13

ANSWER

(1, 6)

Transformations of Graphs · 16

ANSWER

(1, 5)

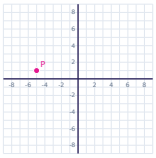
Transformations of Graphs · 15

ANSWER

(-4, 4)

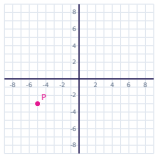
Transformations of Graphs · 17

P(-5, 1) is on the graph of y = f(x). Which point must be on the graph of y = f(-x)?



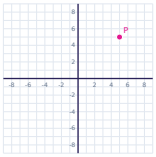
Transformations of Graphs · 18

P(-5, -3) is on the graph of y = f(x). Which point must be on the graph of y = f(-x)?



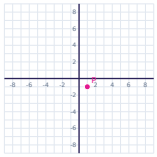
Transformations of Graphs · 19

P(5, 5) is on the graph of y = f(x). Which point must be on the graph of y = 4f(x)?



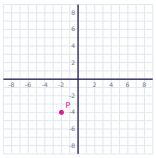
Transformations of Graphs · 20

P(1, -1) is on the graph of y = f(x). Which point must be on the graph of y = f(-x)?



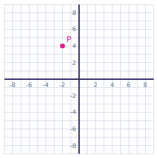
Transformations of Graphs · 21

P(-2, -4) is on the graph of y = f(x). Which point must be on the graph of y = -f(x)?



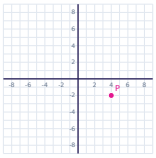
Transformations of Graphs · 22

P(-2, 4) is on the graph of y = f(x). Which point must be on the graph of y = -f(x)?



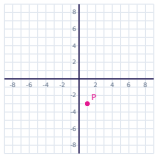
Transformations of Graphs · 23

P(4, -2) is on the graph of y = f(x). Which point must be on the graph of y = -f(x)?



Transformations of Graphs · 24

P(1, -3) is on the graph of y = f(x). Which point must be on the graph of y = f(-x)?



Transformations of Graphs · 18

ANSWER

(5, -3)

Transformations of Graphs · 17

ANSWER

(5, 1)

Transformations of Graphs · 20

ANSWER

(-1, -1)

Transformations of Graphs · 19

ANSWER

(5, 20)

Transformations of Graphs · 22

ANSWER

(-2, -4)

Transformations of Graphs · 21

ANSWER

(-2, 4)

Transformations of Graphs · 24

ANSWER

(-1, -3)

Transformations of Graphs · 23

ANSWER

(4, 2)