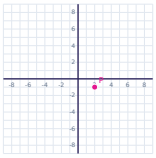
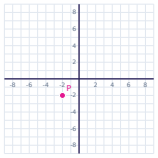
Transformations of Graphs · 1

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



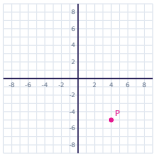
Transformations of Graphs · 2

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



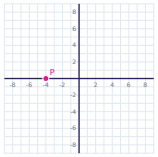
Transformations of Graphs · 3

P(4, -5) is on the graph of y = f(x). Which point must be on the graph of y = f(2x)?



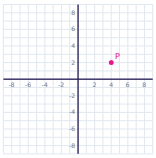
Transformations of Graphs · 4

P(-4, 0) is on the graph of y = f(x). Which point must be on the graph of y = f(2x)?



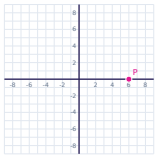
Transformations of Graphs · 5

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



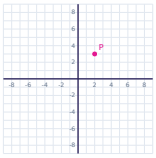
Transformations of Graphs · 6

P(6, 0) is on the graph of y = f(x). Which point must be on the graph of y = f(2x)?



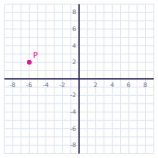
Transformations of Graphs · 7

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



Transformations of Graphs · 8

P(-6, 2) is on the graph of y = f(x). Which point must be on the graph of y = f(3x)?



Transformations of Graphs · 2

ANSWER

(-1, -2)

Transformations of Graphs · 1

ANSWER

(1, -1)

Transformations of Graphs · 4

ANSWER

(-2, 0)

Transformations of Graphs · 3

ANSWER

(2, -5)

Transformations of Graphs · 6

ANSWER

(3, 0)

Transformations of Graphs · 5

ANSWER

(2, 2)

Transformations of Graphs · 8

ANSWER

(-2, 2)

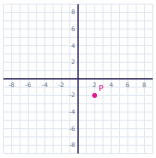
Transformations of Graphs · 7

ANSWER

(1, 3)

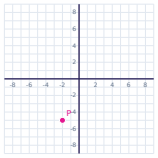
Transformations of Graphs · 9

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



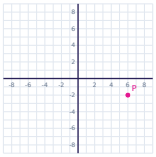
Transformations of Graphs · 10

P(-2, -5) is on the graph of y = f(x). Which point must be on the graph of y = f(2x)?



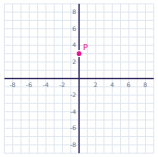
Transformations of Graphs · 11

P(6, -2) is on the graph of y = f(x). Which point must be on the graph of y = f(2x)?



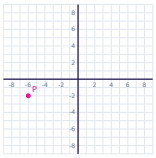
Transformations of Graphs · 12

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



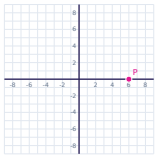
Transformations of Graphs · 13

P(-6, -2) is on the graph of y = f(x). Which point must be on the graph of y = f(3x)?



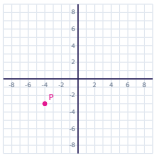
Transformations of Graphs · 14

P(6, 0) is on the graph of y = f(x). Which point must be on the graph of y = f(3x)?



Transformations of Graphs · 15

P(-4, -3) is on the graph of y = f(x). Which point must be on the graph of y = f(2x)?



Transformations of Graphs · 10

ANSWER

(-1, -5)

Transformations of Graphs · 9

ANSWER

(1, -2)

Transformations of Graphs · 12

ANSWER

(0, 3)

Transformations of Graphs · 11

ANSWER

(3, -2)

Transformations of Graphs · 14

ANSWER

(2, 0)

Transformations of Graphs · 13

ANSWER

(-2, -2)

Transformations of Graphs · 15

ANSWER

(-2, -3)