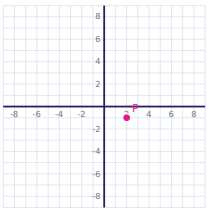
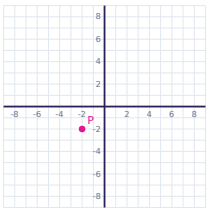
Task card 1 Transformations of Graphs

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



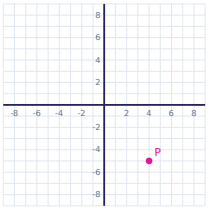
Task card 2 Transformations of Graphs

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



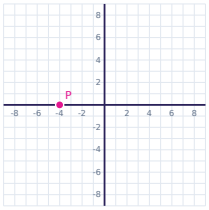
Task card 3 Transformations of Graphs

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



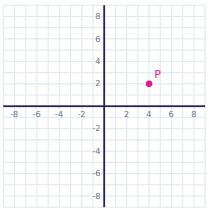
Task card 4 Transformations of Graphs

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



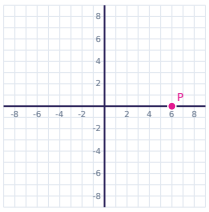
Task card 5 Transformations of Graphs

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



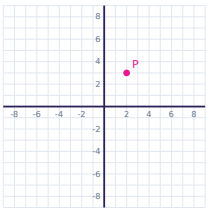
Task card 6 Transformations of Graphs

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



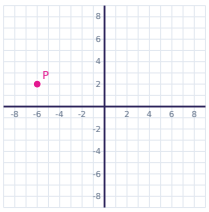
Task card 7 Transformations of Graphs

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



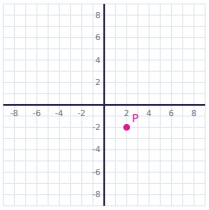
Task card 8 Transformations of Graphs

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



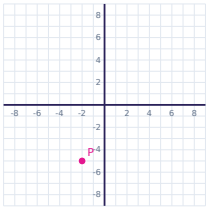
Task card 9 Transformations of Graphs

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



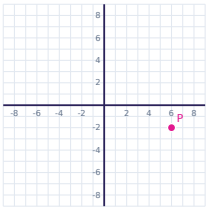
Task card 10 Transformations of Graphs

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



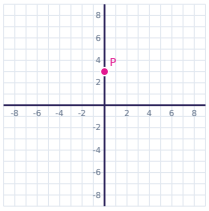
Task card 11 Transformations of Graphs

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



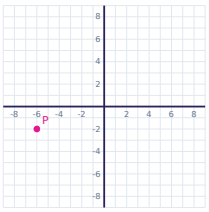
Task card 12 Transformations of Graphs

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



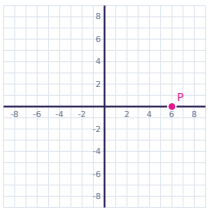
Task card 13 Transformations of Graphs

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



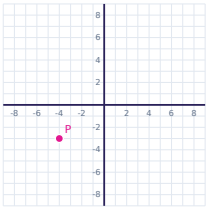
Task card 14 Transformations of Graphs

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



Task card 15 Transformations of Graphs

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 Task Cards

Recording sheet · Grade 12 · The point P is on the graph of y = f(x). Find the point it moves to on the new graph. Write the answer as (x, y).

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	

Transformations of Graphs Task Cards: Answer Key

Grade 12 · Hard

The answers online

1. (1, -1)	**2.** (-1, -2)	**3.** (2, -5)
4. (-2, 0)	**5.** (2, 2)	**6.** (3, 0)
7. (1, 3)	**8.** (-2, 2)	**9.** (1, -2)
10. (-1, -5)	**11.** (3, -2)	**12.** (0, 3)
13. (-2, -2)	**14.** (2, 0)	**15.** (-2, -3)