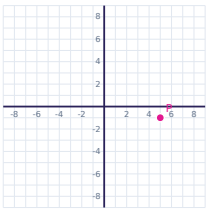
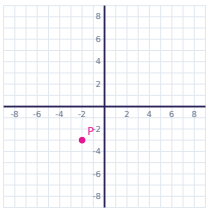
Task card 1 Transformations of Graphs

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



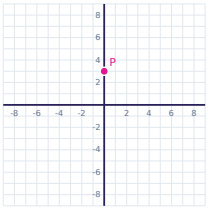
Task card 2 Transformations of Graphs

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



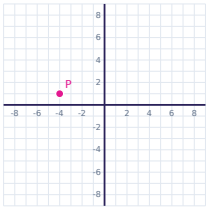
Task card 3 Transformations of Graphs

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



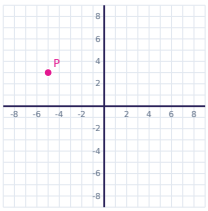
Task card 4 Transformations of Graphs

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



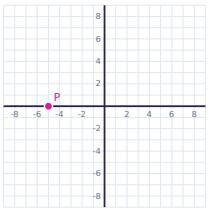
Task card 5 Transformations of Graphs

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



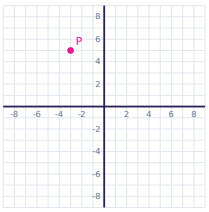
Task card 6 Transformations of Graphs

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



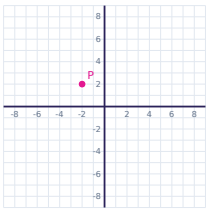
Task card 7 Transformations of Graphs

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



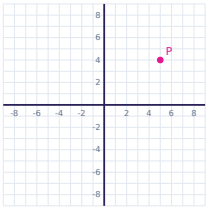
Task card 8 Transformations of Graphs

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



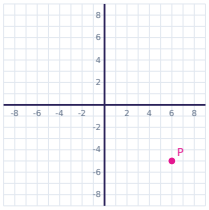
Task card 9 Transformations of Graphs

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



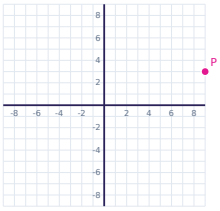
Task card 10 Transformations of Graphs

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



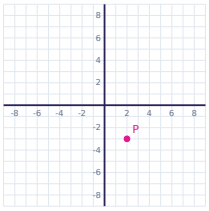
Task card 11 Transformations of Graphs

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



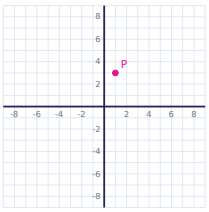
Task card 12 Transformations of Graphs

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



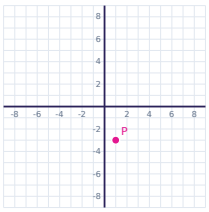
Task card 13 Transformations of Graphs

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



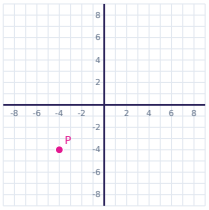
Task card 14 Transformations of Graphs

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



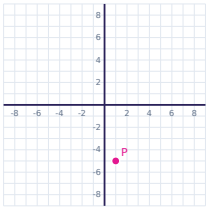
Task card 15 Transformations of Graphs

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



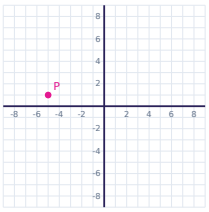
Task card 16 Transformations of Graphs

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



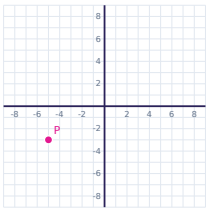
Task card 17 Transformations of Graphs

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



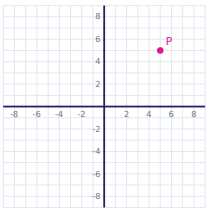
Task card 18 Transformations of Graphs

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



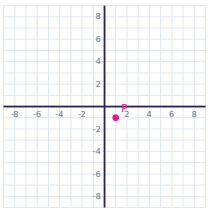
Task card 19 Transformations of Graphs

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



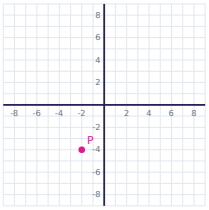
Task card 20 Transformations of Graphs

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



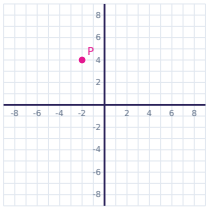
Task card 21 Transformations of Graphs

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



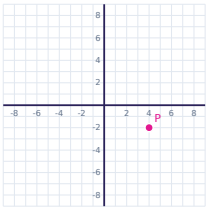
Task card 22 Transformations of Graphs

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



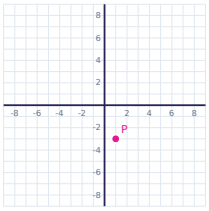
Task card 23 Transformations of Graphs

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



Task card 24 Transformations of Graphs

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 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	16
17	18	19	20
21	22	23	24

Transformations of Graphs Task Cards: Answer Key

Grade 12 · Medium

The answers online

1. (5, 1)	**2.** (2, -3)	**3.** (0, -3)
4. (4, 1)	**5.** (-5, -3)	**6.** (5, 0)
7. (3, 5)	**8.** (-2, 8)	**9.** (-5, 4)
10. (2, -5)	**11.** (3, 3)	**12.** (-2, -3)
13. (1, 6)	**14.** (1, -6)	**15.** (-4, 4)
16. (1, 5)	**17.** (5, 1)	**18.** (5, -3)
19. (5, 20)	**20.** (-1, -1)	**21.** (-2, 4)
22. (-2, -4)	**23.** (4, 2)	**24.** (-1, -3)