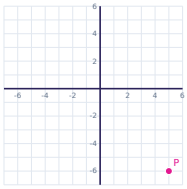
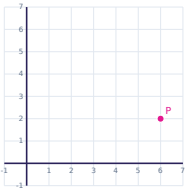
Task card 1 Transformations on the Coordinate...

Rotate point P(5, -6) 90° counterclockwise about the origin.



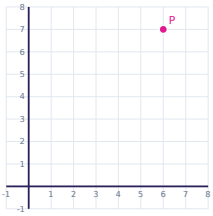
Task card 2 Transformations on the Coordinate...

Translate point P(6, 2) using the rule (x, y) → (x + 6, y + 3).



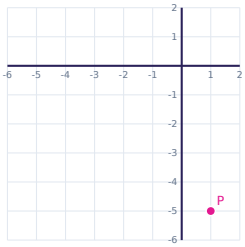
Task card 3 Transformations on the Coordinate...

Reflect point P(6, 7) over the y-axis.



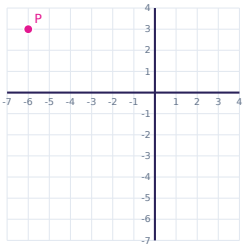
Task card 4 Transformations on the Coordinate...

Reflect point P(1, -5) over the x-axis.



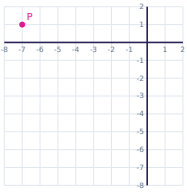
Task card 5 Transformations on the Coordinate...

Reflect point P(-6, 3) over the x-axis.



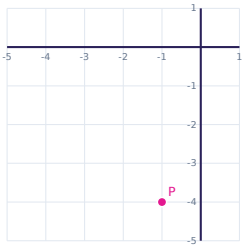
Task card 6 Transformations on the Coordinate...

Translate point P(-7, 1) using the rule (x, y) → (x - 5, y).



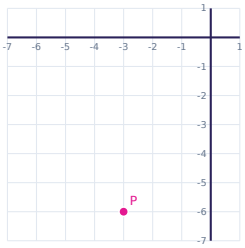
Task card 7 Transformations on the Coordinate...

Rotate point P(-1, -4) 180° about the origin.



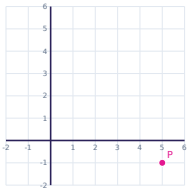
Task card 8 Transformations on the Coordinate...

Reflect point P(-3, -6) over the y-axis.



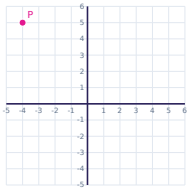
Task card 9 Transformations on the Coordinate...

Rotate point P(5, -1) 90° counterclockwise about the origin.



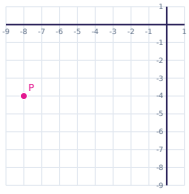
Task card 10 Transformations on the Coordinate...

Translate point P(-4, 5) using the rule (x, y) → (x - 8, y + 8).



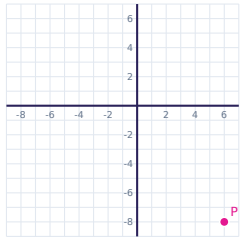
Task card 11 Transformations on the Coordinate...

Translate point P(-8, -4) using the rule (x, y) → (x + 3, y - 3).



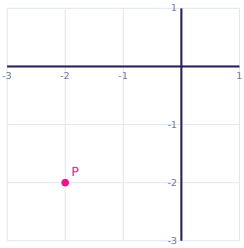
Task card 12 Transformations on the Coordinate...

Rotate point P(6, -8) 180° about the origin.



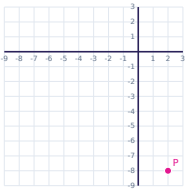
Task card 13 Transformations on the Coordinate...

Reflect point P(-2, -2) over the x-axis.



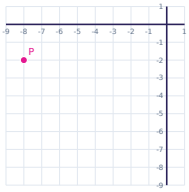
Task card 14 Transformations on the Coordinate...

Translate point P(2, -8) using the rule (x, y) → (x - 6, y + 5).



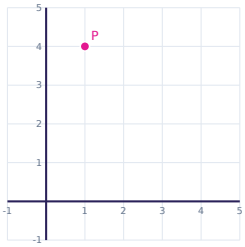
Task card 15 Transformations on the Coordinate...

Rotate point P(-8, -2) 90° counterclockwise about the origin.



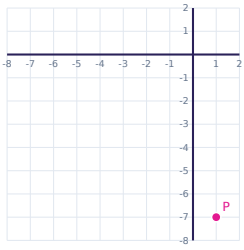
Task card 16 Transformations on the Coordinate...

Rotate point P(1, 4) 180° about the origin.



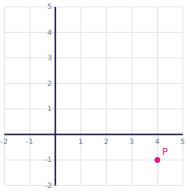
Task card 17 Transformations on the Coordinate...

Reflect point P(1, -7) over the y-axis.



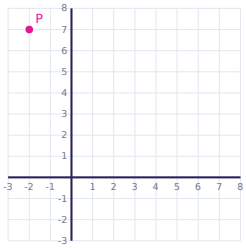
Task card 18 Transformations on the Coordinate...

Rotate point P(4, -1) 90° counterclockwise about the origin.



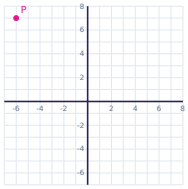
Task card 19 Transformations on the Coordinate...

Reflect point P(-2, 7) over the x-axis.



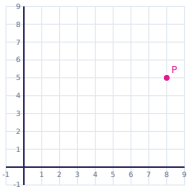
Task card 20 Transformations on the Coordinate...

Rotate point P(-6, 7) 90° counterclockwise about the origin.



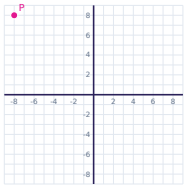
Task card 21 Transformations on the Coordinate...

Translate point P(8, 5) using the rule (x, y) → (x + 9, y + 6).



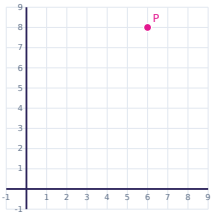
Task card 22 Transformations on the Coordinate...

Translate point P(-8, 8) using the rule (x, y) → (x - 7, y + 9).



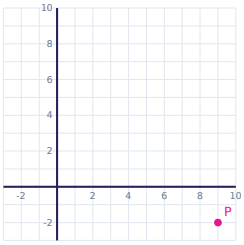
Task card 23 Transformations on the Coordinate...

Reflect point P(6, 8) over the x-axis.



Task card 24 Transformations on the Coordinate...

Rotate point P(9, -2) 180° about the origin.



Transformations on the Coordinate Plane Task Cards

Recording sheet · Grade 8 · Find the coordinates of the image point.

Scan to check your answers

Name: _____ Date: _____

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 on the Coordinate Plane Task Cards: Answer Key

Grade 8 · Medium

The answers online

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