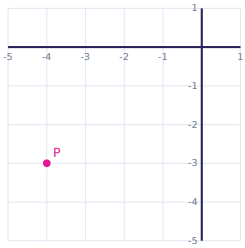
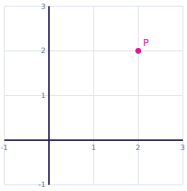
Task card 1 Transformations on the Coordinate...

Reflect point P(-4, -3) over the x-axis.



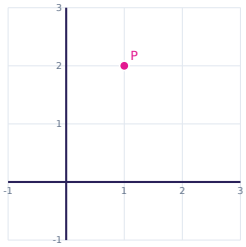
Task card 2 Transformations on the Coordinate...

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



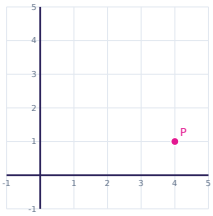
Task card 3 Transformations on the Coordinate...

Rotate point P(1, 2) 180° about the origin.



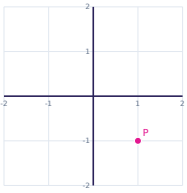
Task card 4 Transformations on the Coordinate...

Reflect point P(4, 1) over the y-axis.



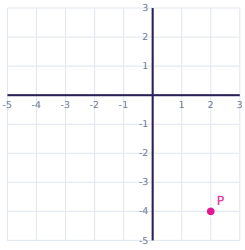
Task card 5 Transformations on the Coordinate...

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



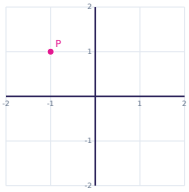
Task card 6 Transformations on the Coordinate...

Reflect point P(2, -4) over the x-axis.



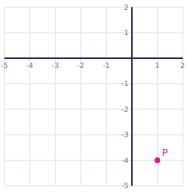
Task card 7 Transformations on the Coordinate...

Translate point P(-1, 1) using the rule (x, y) → (x + 3, y).



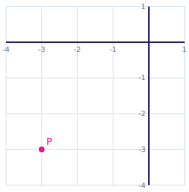
Task card 8 Transformations on the Coordinate...

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



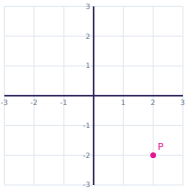
Task card 9 Transformations on the Coordinate...

Rotate point P(-3, -3) 90° counterclockwise about the origin.



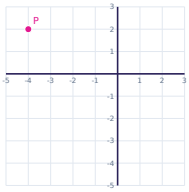
Task card 10 Transformations on the Coordinate...

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



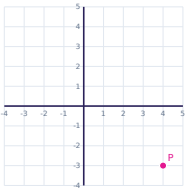
Task card 11 Transformations on the Coordinate...

Rotate point P(-4, 2) 90° counterclockwise about the origin.



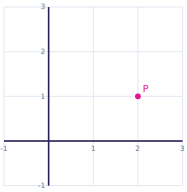
Task card 12 Transformations on the Coordinate...

Rotate point P(4, -3) 90° counterclockwise about the origin.



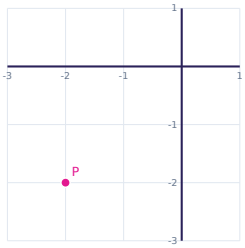
Task card 13 Transformations on the Coordinate...

Translate point P(2, 1) using the rule (x, y) → (x - 3, y).



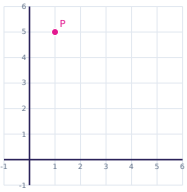
Task card 14 Transformations on the Coordinate...

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



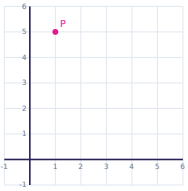
Task card 15 Transformations on the Coordinate...

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



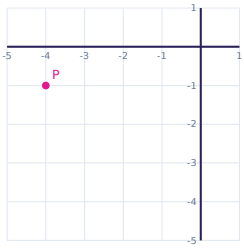
Task card 16 Transformations on the Coordinate...

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



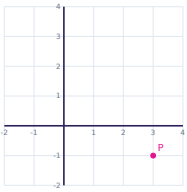
Task card 17 Transformations on the Coordinate...

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



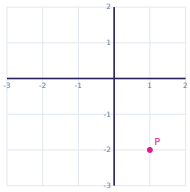
Task card 18 Transformations on the Coordinate...

Translate point P(3, -1) using the rule (x, y) → (x + 3, y - 2).



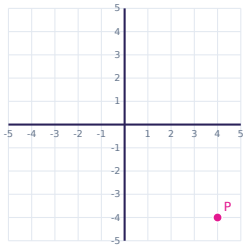
Task card 19 Transformations on the Coordinate...

Translate point P(1, -2) using the rule (x, y) → (x - 4, y + 2).



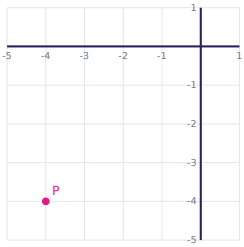
Task card 20 Transformations on the Coordinate...

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



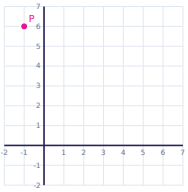
Task card 21 Transformations on the Coordinate...

Reflect point P(-4, -4) over the y-axis.



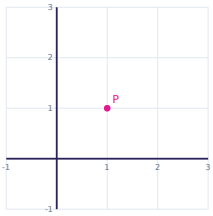
Task card 22 Transformations on the Coordinate...

Rotate point P(-1, 6) 90° counterclockwise about the origin.



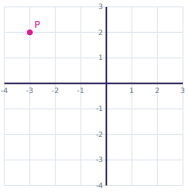
Task card 23 Transformations on the Coordinate...

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



Task card 24 Transformations on the Coordinate...

Rotate point P(-3, 2) 90° counterclockwise 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 · Easy

The answers online

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