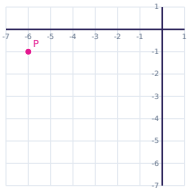
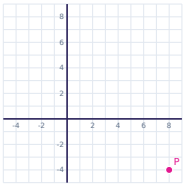
Task card 1 Transformations on the Coordinate...

Translate point P(-6, -1) using the rule (x, y) → (x + 7, y + 5).



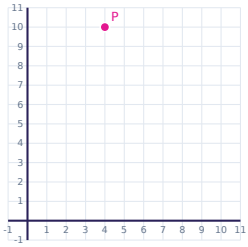
Task card 2 Transformations on the Coordinate...

Translate point P(8, -4) using the rule (x, y) → (x - 9, y - 1).



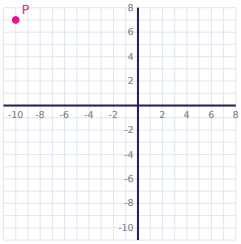
Task card 3 Transformations on the Coordinate...

Rotate point P(4, 10) 180° about the origin.



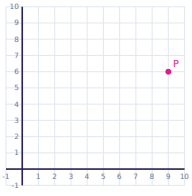
Task card 4 Transformations on the Coordinate...

Rotate point P(-10, 7) 180° about the origin.



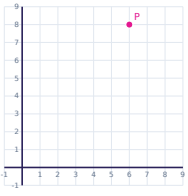
Task card 5 Transformations on the Coordinate...

Translate point P(9, 6) using the rule (x, y) → (x + 7, y + 5).



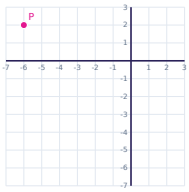
Task card 6 Transformations on the Coordinate...

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



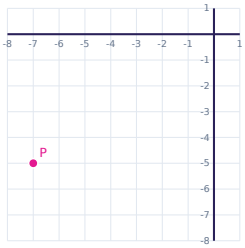
Task card 7 Transformations on the Coordinate...

Rotate point P(-6, 2) 90° counterclockwise about the origin.



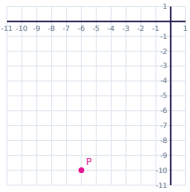
Task card 8 Transformations on the Coordinate...

Reflect point P(-7, -5) over the x-axis.



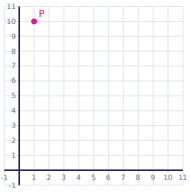
Task card 9 Transformations on the Coordinate...

Rotate point P(-6, -10) 90° counterclockwise about the origin.



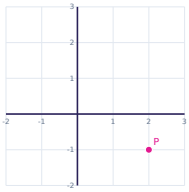
Task card 10 Transformations on the Coordinate...

Rotate point P(1, 10) 90° counterclockwise about the origin.



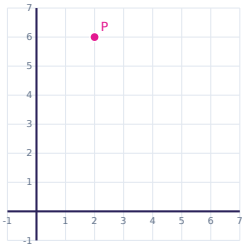
Task card 11 Transformations on the Coordinate...

Rotate point P(2, -1) 90° counterclockwise about the origin.



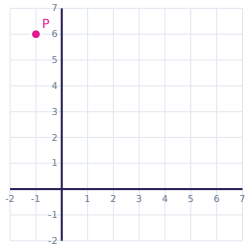
Task card 12 Transformations on the Coordinate...

Rotate point P(2, 6) 180° about the origin.



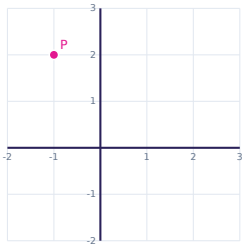
Task card 13 Transformations on the Coordinate...

Reflect point P(-1, 6) over the y-axis.



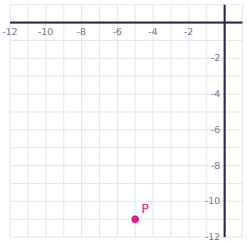
Task card 14 Transformations on the Coordinate...

Reflect point P(-1, 2) over the x-axis.



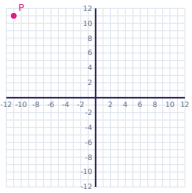
Task card 15 Transformations on the Coordinate...

Reflect point P(-5, -11) over the x-axis.



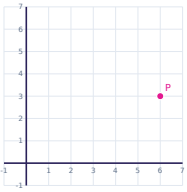
Task card 16 Transformations on the Coordinate...

Translate point P(-11, 11) using the rule (x, y) → (x + 2, y + 9).



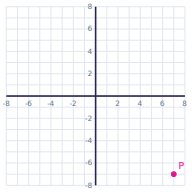
Task card 17 Transformations on the Coordinate...

Rotate point P(6, 3) 90° counterclockwise about the origin.



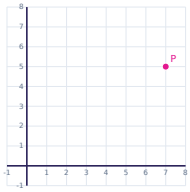
Task card 18 Transformations on the Coordinate...

Translate point P(7, -7) using the rule (x, y) → (x - 5, y + 10).



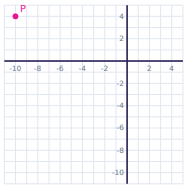
Task card 19 Transformations on the Coordinate...

Translate point P(7, 5) using the rule (x, y) → (x + 8, y + 3).



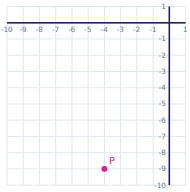
Task card 20 Transformations on the Coordinate...

Rotate point P(-10, 4) 90° counterclockwise about the origin.



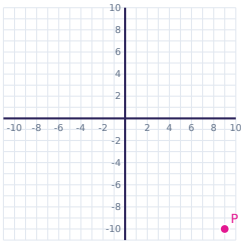
Task card 21 Transformations on the Coordinate...

Rotate point P(-4, -9) 90° counterclockwise about the origin.



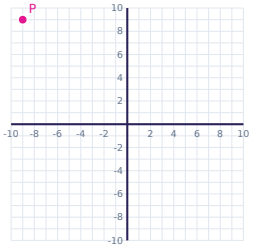
Task card 22 Transformations on the Coordinate...

Rotate point P(9, -10) 180° about the origin.



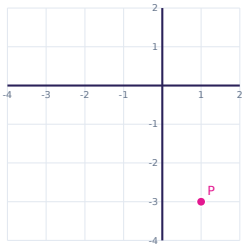
Task card 23 Transformations on the Coordinate...

Reflect point P(-9, 9) over the x-axis.



Task card 24 Transformations on the Coordinate...

Reflect point P(1, -3) over the y-axis.



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 · Hard

The answers online

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