Task card 1 Reflections on the Coordinate Plan...

Point P(-3, -4) is reflected across the line y = -x. What are the coordinates of P′?

Task card 2 Reflections on the Coordinate Plan...

Point P(-2, -1) is reflected across the x-axis. What are the coordinates of P′?

Task card 3 Reflections on the Coordinate Plan...

Point P(1, -3) is reflected across the line y = x. What are the coordinates of P′?

Task card 4 Reflections on the Coordinate Plan...

Point P(-1, -1) is reflected across the x-axis. What are the coordinates of P′?

Task card 5 Reflections on the Coordinate Plan...

Point P(4, -3) is reflected across the line y = x. What are the coordinates of P′?

Task card 6 Reflections on the Coordinate Plan...

Point P(3, 6) is reflected across the x-axis. What are the coordinates of P′?

Task card 7 Reflections on the Coordinate Plan...

Point P(5, 3) is reflected across the line y = -x. What are the coordinates of P′?

Task card 8 Reflections on the Coordinate Plan...

Point P(3, -4) is reflected across the line y = -x. What are the coordinates of P′?

Task card 9 Reflections on the Coordinate Plan...

Point P(6, -2) is reflected across the line x = 3. What are the coordinates of P′?

Task card 10 Reflections on the Coordinate Plan...

Point P(3, -3) is reflected across the line x = -1. What are the coordinates of P′?

Task card 11 Reflections on the Coordinate Plan...

Point P(7, 5) is reflected across the line y = x. What are the coordinates of P′?

Task card 12 Reflections on the Coordinate Plan...

Point P(6, 1) is reflected across the line y = x. What are the coordinates of P′?

Task card 13 Reflections on the Coordinate Plan...

Point P(1, -2) is reflected across the x-axis. What are the coordinates of P′?

Task card 14 Reflections on the Coordinate Plan...

Point P(1, 2) is reflected across the x-axis. What are the coordinates of P′?

Task card 15 Reflections on the Coordinate Plan...

Point P(-6, -5) is reflected across the line y = -2. What are the coordinates of P′?

Task card 16 Reflections on the Coordinate Plan...

Point P(7, -7) is reflected across the y-axis. What are the coordinates of P′?

Task card 17 Reflections on the Coordinate Plan...

Point P(1, 3) is reflected across the line y = x. What are the coordinates of P′?

Task card 18 Reflections on the Coordinate Plan...

Point P(-6, -7) is reflected across the line y = x. What are the coordinates of P′?

Task card 19 Reflections on the Coordinate Plan...

Point P(-4, -1) is reflected across the line y = -x. What are the coordinates of P′?

Task card 20 Reflections on the Coordinate Plan...

Point P(7, -7) is reflected across the line y = x. What are the coordinates of P′?

Task card 21 Reflections on the Coordinate Plan...

Point P(2, -5) is reflected across the line y = x. What are the coordinates of P′?

Task card 22 Reflections on the Coordinate Plan...

Point P(4, -1) is reflected across the y-axis. What are the coordinates of P′?

Task card 23 Reflections on the Coordinate Plan...

Point P(-5, 4) is reflected across the x-axis. What are the coordinates of P′?

Reflections on the Coordinate Plane Task Cards

Recording sheet · Grade 8 · Draw the image of each figure after the reflection, then answer the question. Write points as (x, y).

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	

Reflections on the Coordinate Plane Task Cards: Answer Key

Grade 8 · Medium

The answers online

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