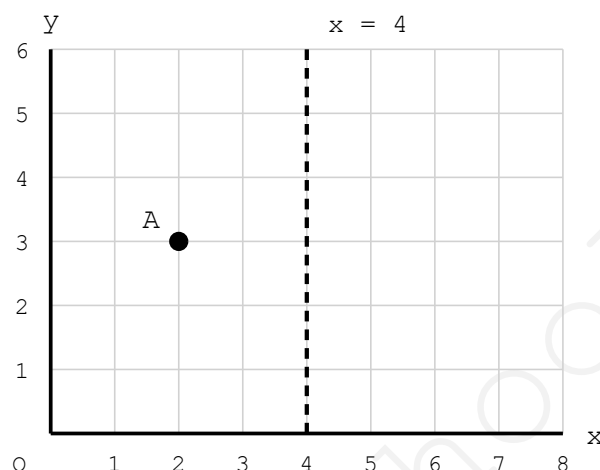


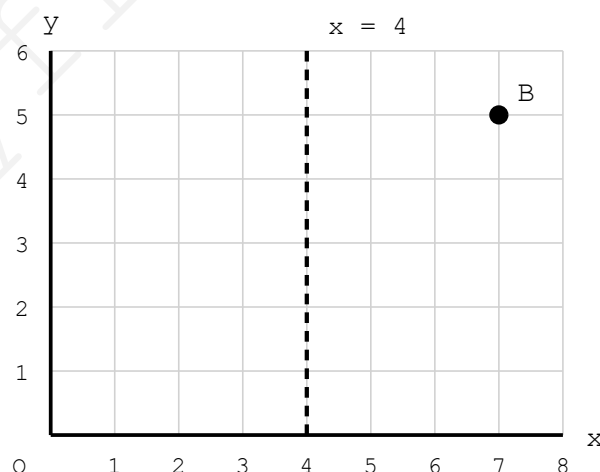
Coordinates & Graphs: Easy Practice Paper 3

Q1. Point A is reflected in the dashed mirror line. What are the coordinates of its image?



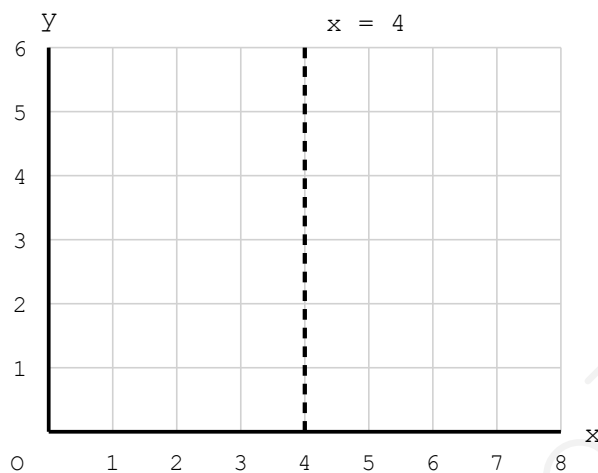
- A. (4, 3) B. (5, 3) C. (6, 3) D. (2, 5) E. (6, 5)

Q2. Point B is reflected in the dashed mirror line. What are the coordinates of its image?



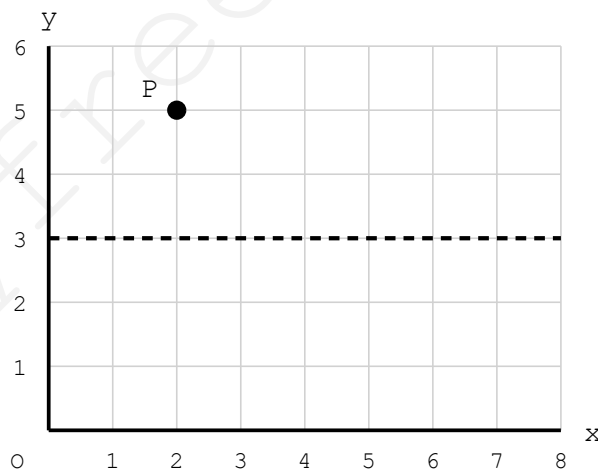
- A. (1, 5) B. (2, 5) C. (3, 5) D. (1, 3) E. (7, 1)

Q3. Which point would stay exactly where it is when it is reflected in the mirror line $x = 4$?



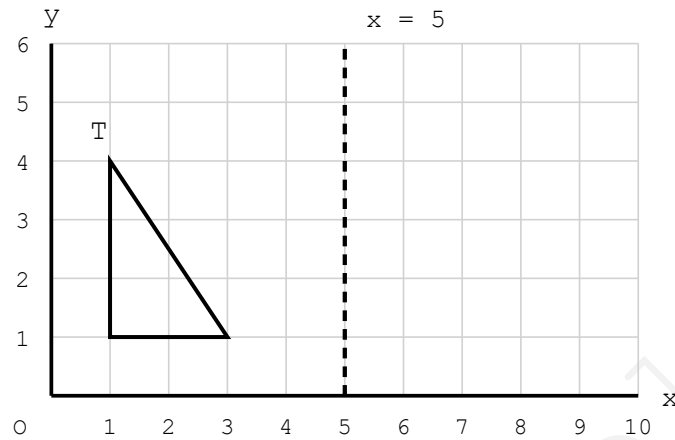
- A. $(0, 4)$ B. $(4, 2)$ C. $(2, 4)$ D. $(8, 4)$ E. $(0, 0)$

Q4. Point P is reflected in the dashed mirror line $y = 3$. What are the coordinates of its image?



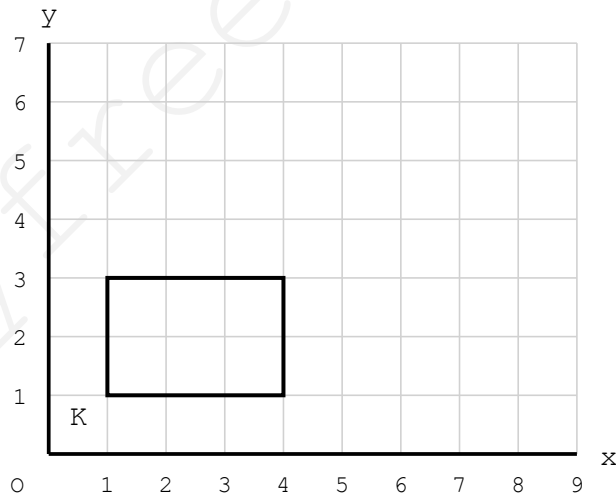
- A. $(2, 0)$ B. $(2, 2)$ C. $(5, 2)$ D. $(2, 1)$ E. $(6, 5)$

Q5. The triangle is reflected in the dashed mirror line. What are the coordinates of the image of corner T?



- A. (7, 4) B. (8, 4) C. (5, 4) D. (9, 1) E. (9, 4)

Q6. The shape is translated 3 squares right and 2 squares up. What are the coordinates of the new position of corner K?



- A. (3, 2) B. (4, 3) C. (4, 2) D. (2, 4) E. (1, 3)

Q7. A point at (5, 4) is moved 2 squares left and 3 squares down. Where does it end up?

- A. (3, 1) B. (7, 1) C. (3, 7) D. (2, 3) E. (1, 3)

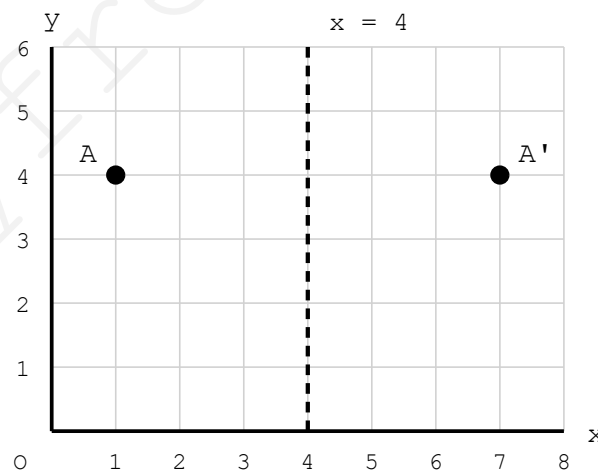
Q8. Which move takes the point $(1, 2)$ to the point $(1, 6)$?

- A. 4 squares right
- B. 4 squares left
- C. 4 squares down
- D. 4 squares up
- E. 6 squares up

Q9. Which move takes the point $(7, 3)$ to the point $(2, 3)$?

- A. 5 squares right
- B. 5 squares down
- C. 4 squares left
- D. 5 squares up
- E. 5 squares left

Q10. The grid shows a point and its image after a reflection in the dashed mirror line. How far is the point from the mirror line?



- A. 2 squares
- B. 3 squares
- C. 4 squares
- D. 6 squares
- E. 7 squares

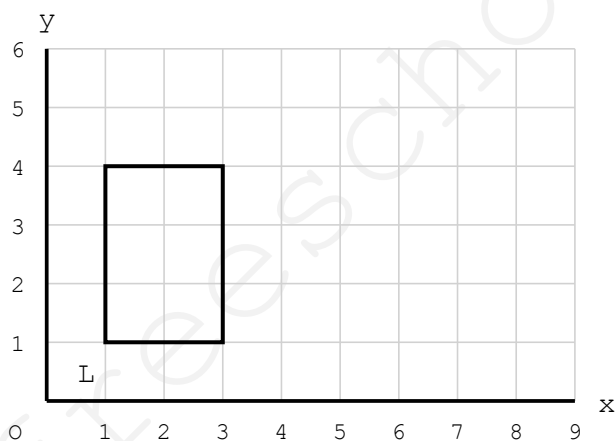
Q11. A counter at $(2, 1)$ is moved 4 right, then 3 up, then 2 left. Where does it finish?

- A. $(6, 4)$ B. $(8, 4)$ C. $(4, 3)$ D. $(4, 4)$ E. $(2, 4)$

Q12. A point is reflected in the mirror line $x = 4$ and its image lands at $(7, 2)$. Where was the point before the reflection?

- A. $(1, 2)$ B. $(2, 2)$ C. $(3, 2)$ D. $(4, 2)$ E. $(7, 6)$

Q13. The shape is translated so that corner L moves from $(1, 1)$ to $(5, 1)$. Which description fits the move?



- A. 4 squares right, 0 up
 B. 4 squares up, 0 right
 C. 5 squares right, 1 up
 D. 1 square right, 4 up
 E. 4 squares left, 0 up

Q14. Which of these points is the same distance from the mirror line $x = 4$ as the point $(2, 5)$?

- A. $(4, 5)$ B. $(5, 5)$ C. $(6, 5)$ D. $(3, 3)$ E. $(8, 5)$

Q15. A robot starts at $(0, 0)$. It moves 3 right, 5 up, then 3 right again. What are its final coordinates?

- A. $(3, 5)$ B. $(6, 0)$ C. $(0, 6)$ D. $(5, 6)$ E. $(6, 5)$

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