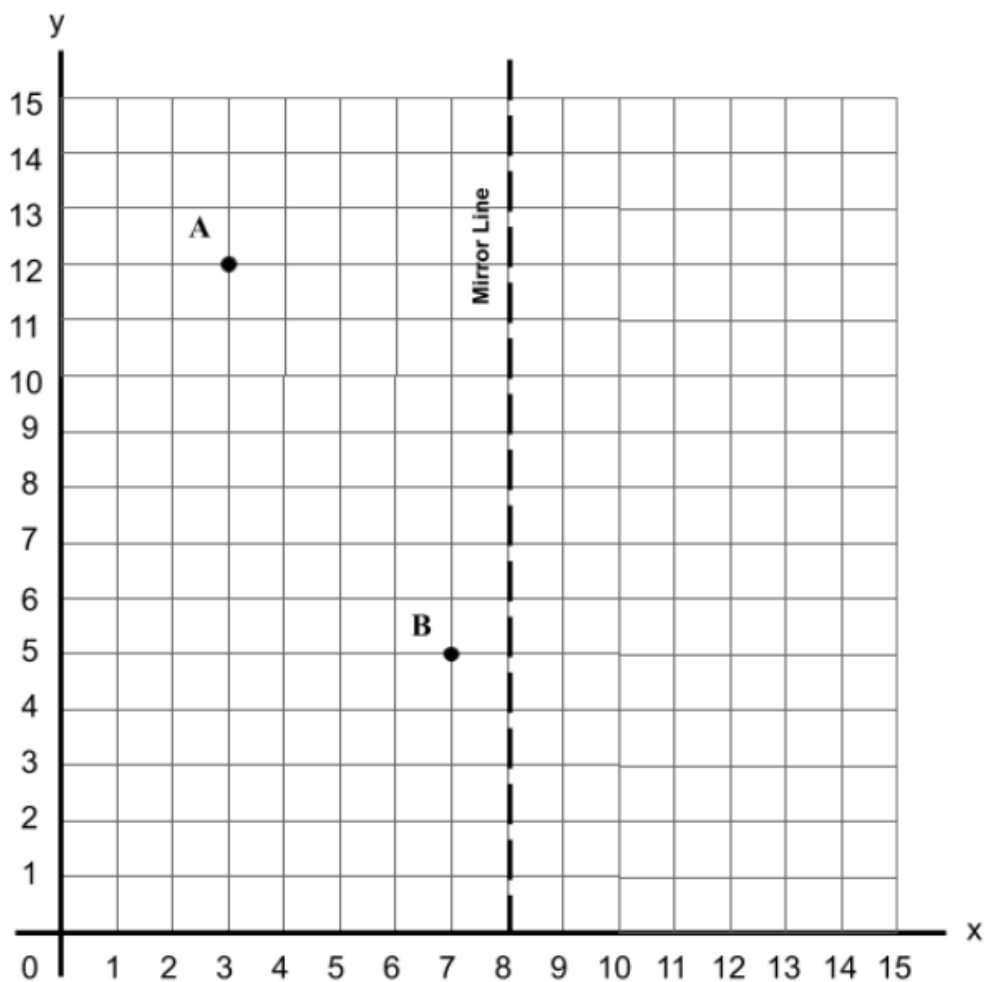


Q4 (Coordinates) Day 117 Name: _____

1. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point (3, 12).



a) What are the **coordinates of B**? Write your answer in the space below.

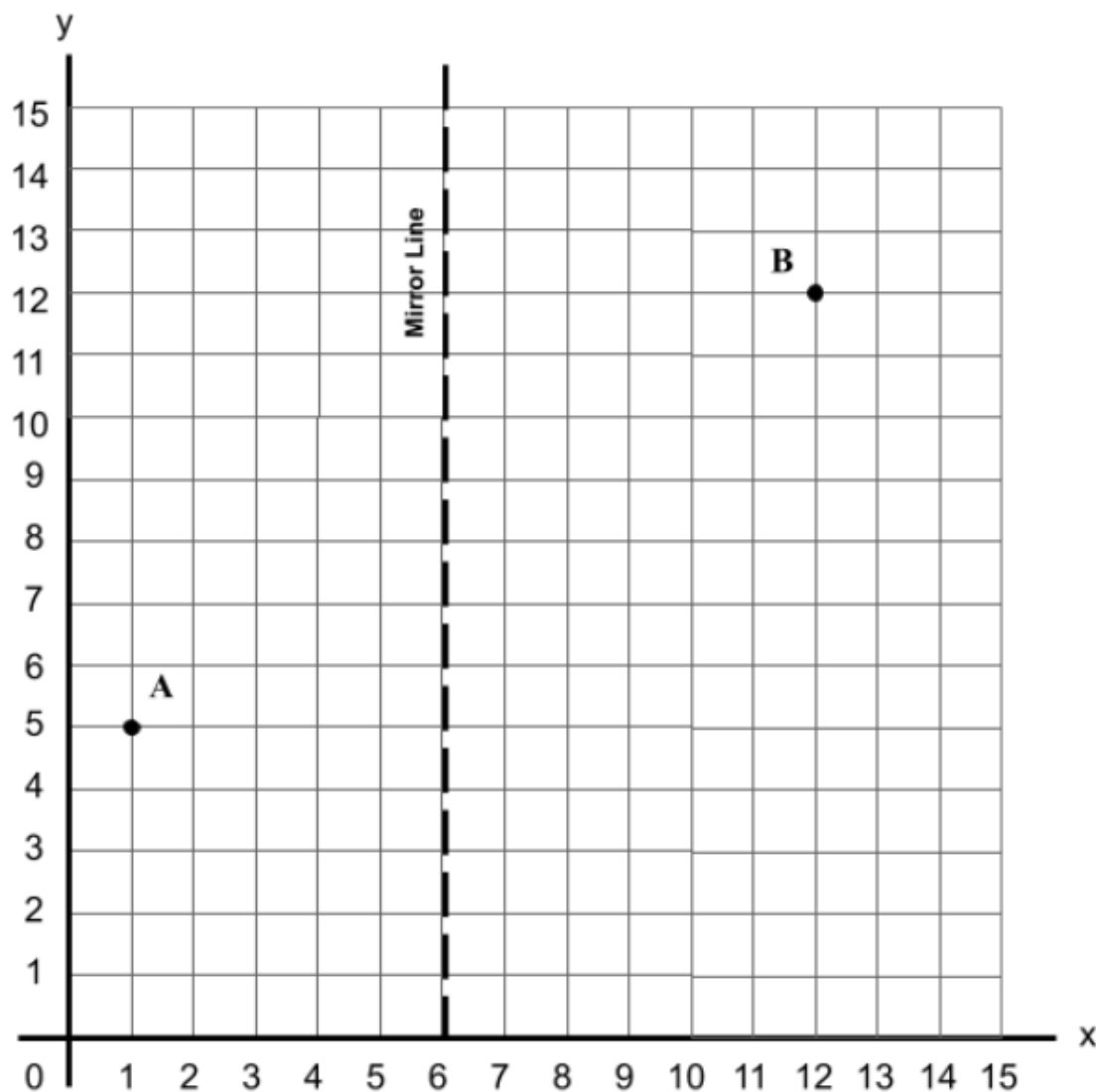
(_____ , _____)

b) The point **A** is **reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

2. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point **(1, 5)**.



a) What are the **coordinates of B**? Write your answer in the space below.

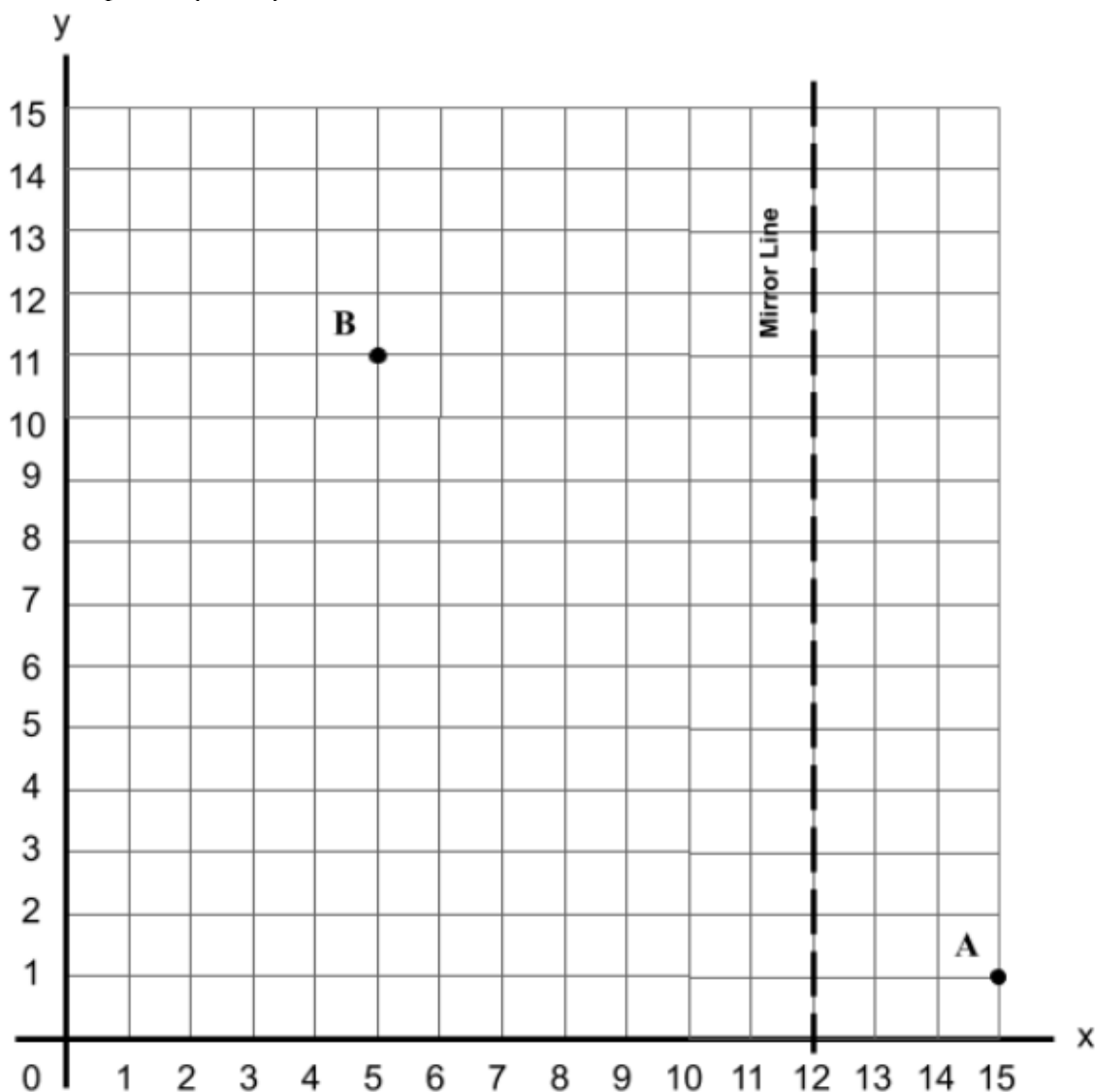
(_____ , _____)

b) The point **A is reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

3. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point **(15, 1)**.



a) What are the **coordinates of B**? Write your answer in the space below.

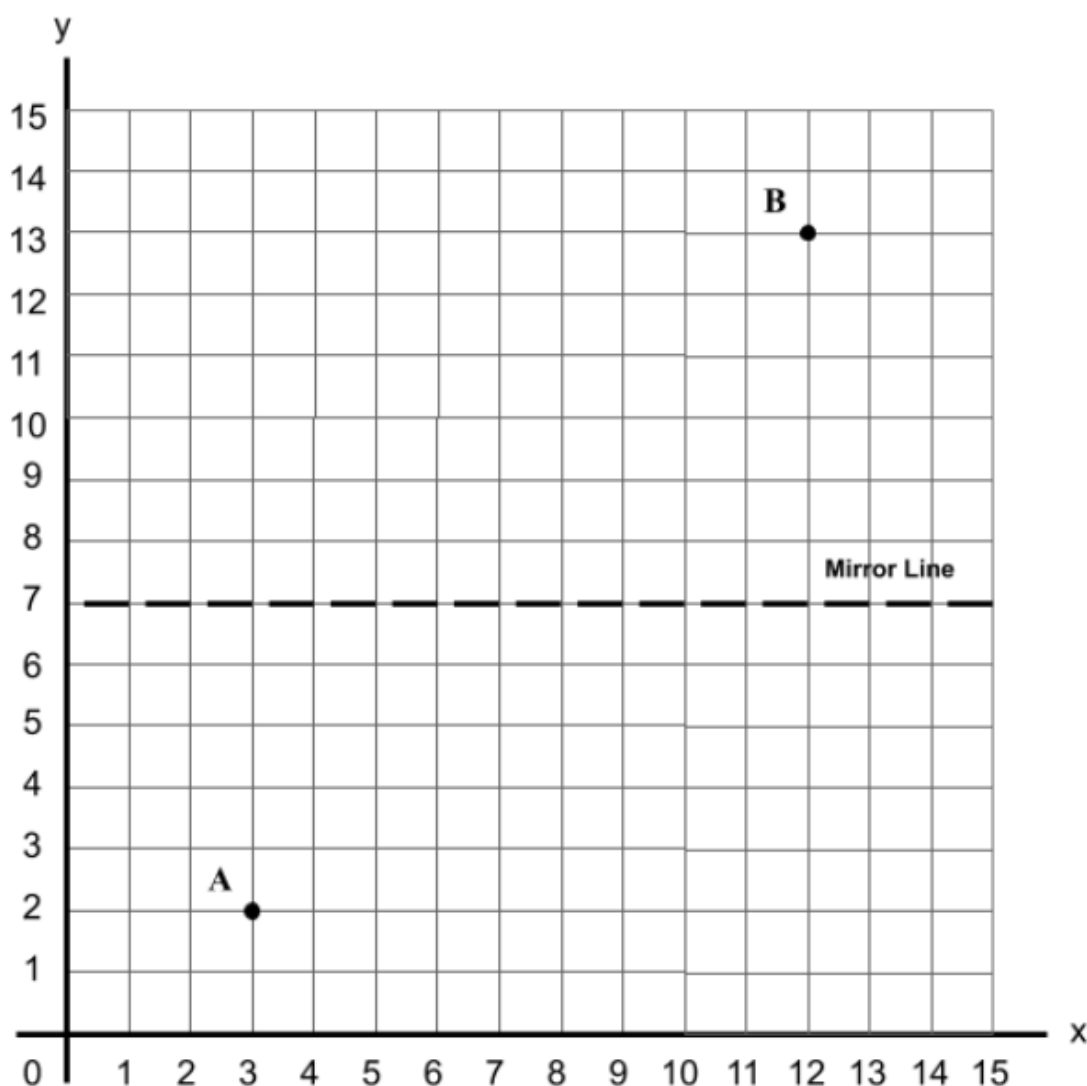
(_____ , _____)

b) The point **A** is **reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

4. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point (3, 2).



a) What are the **coordinates of B**? Write your answer in the space below.

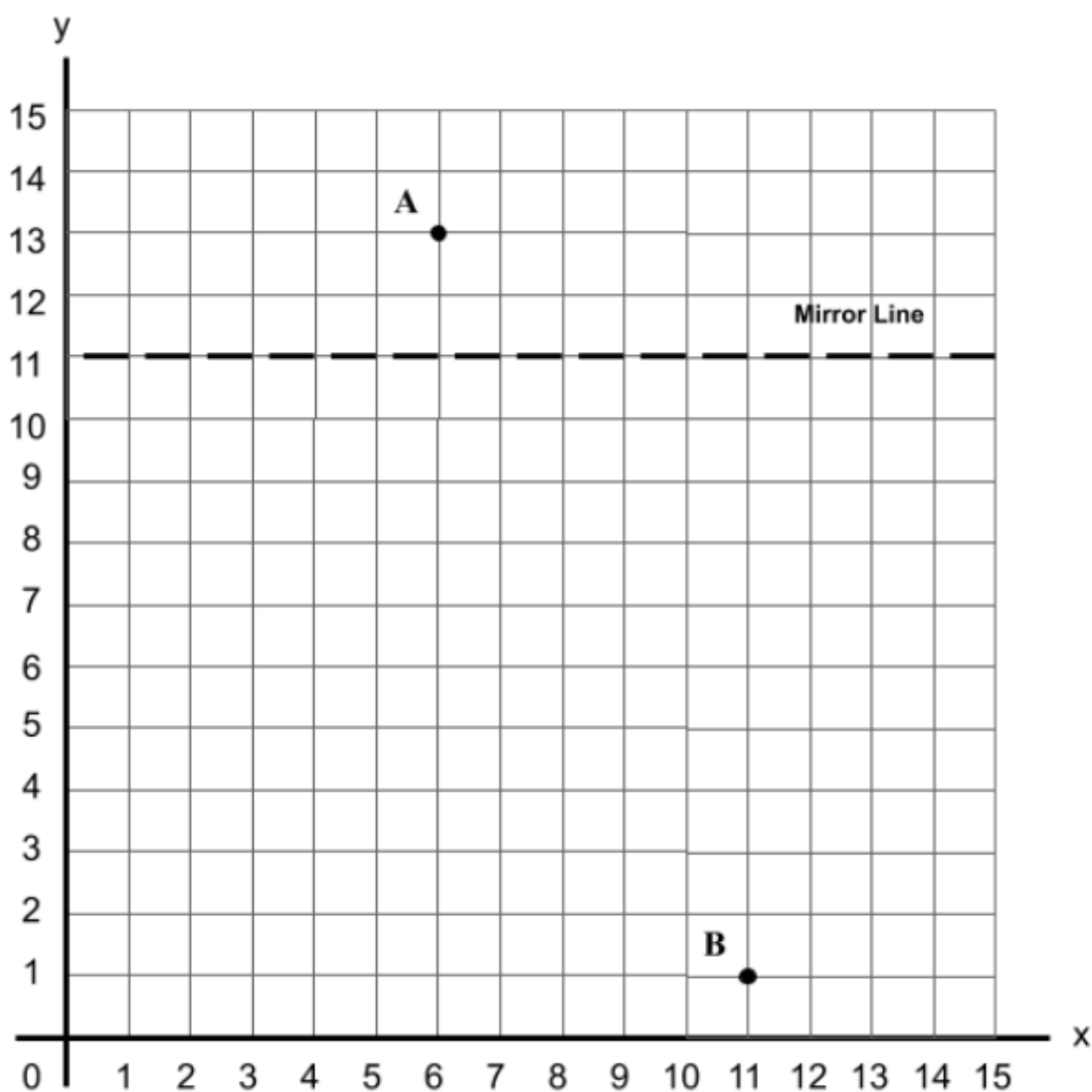
(_____ , _____)

b) The point **A** is **reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

5. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point **(6, 13)**.



a) What are the **coordinates of B**? Write your answer in the space below.

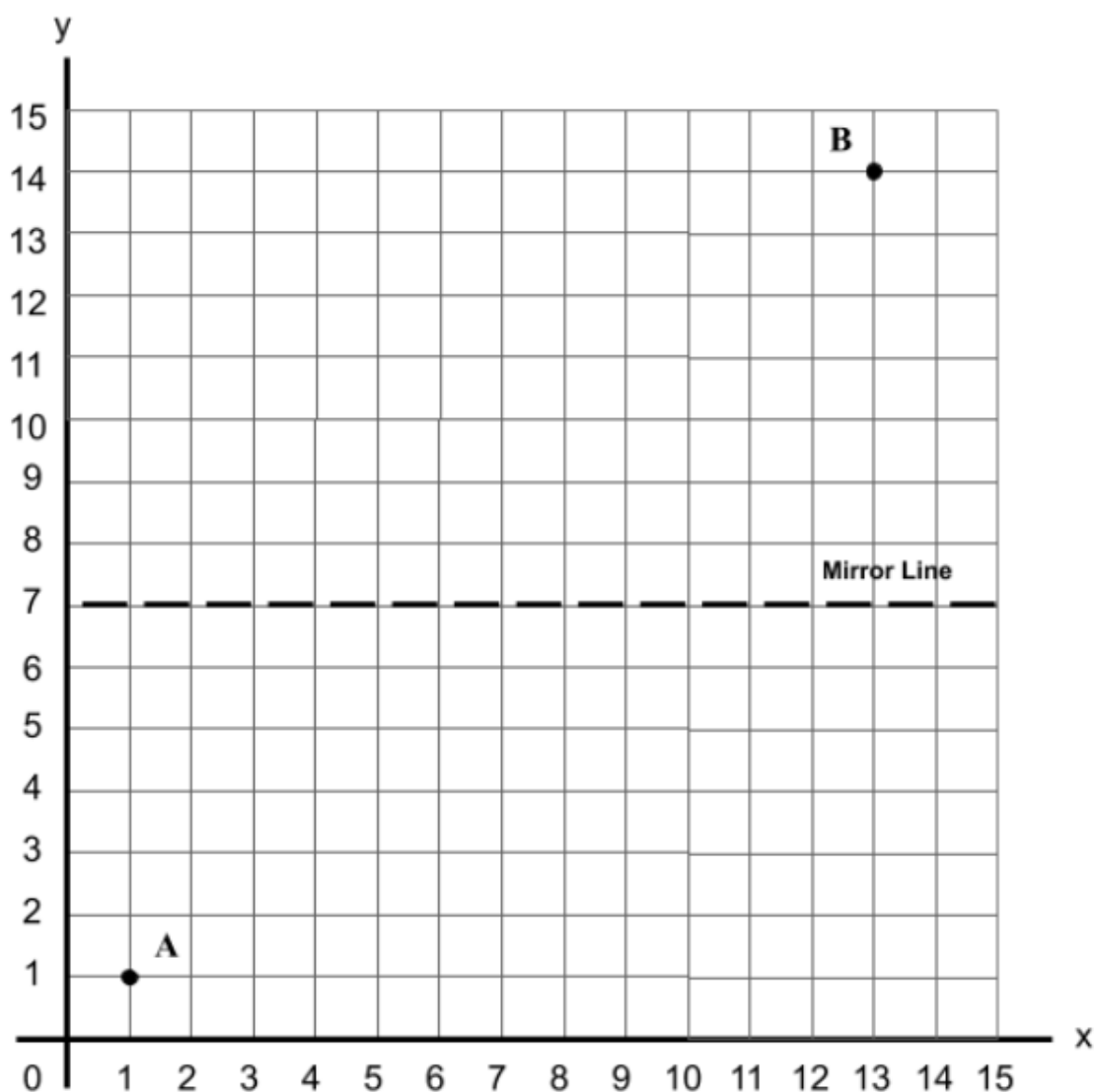
(_____ , _____)

b) The point **A is reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

6. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point **(1, 1)**.



a) What are the **coordinates of B**? Write your answer in the space below.

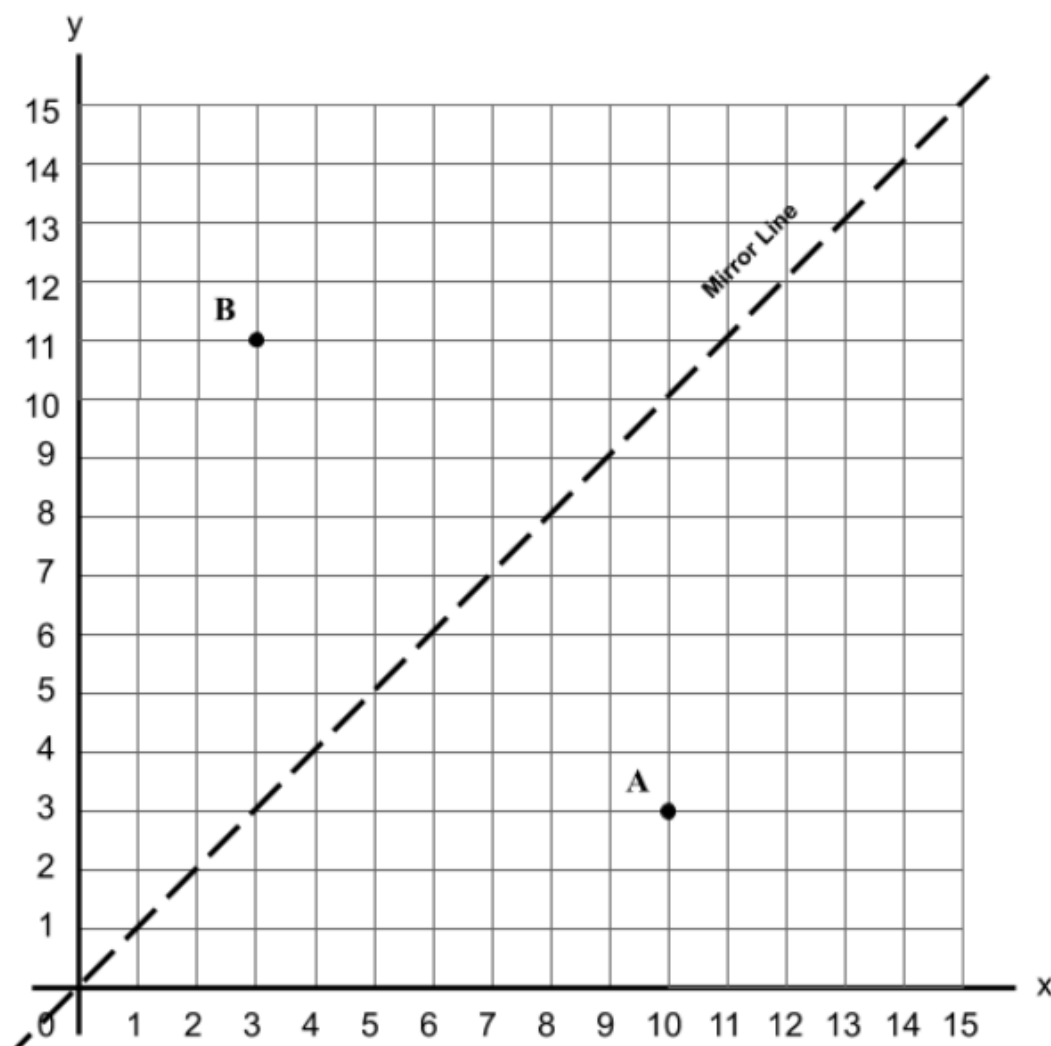
(_____ , _____)

b) The point **A is reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

7. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point **(10, 3)**.



a) What are the **coordinates of B**? Write your answer in the space below.

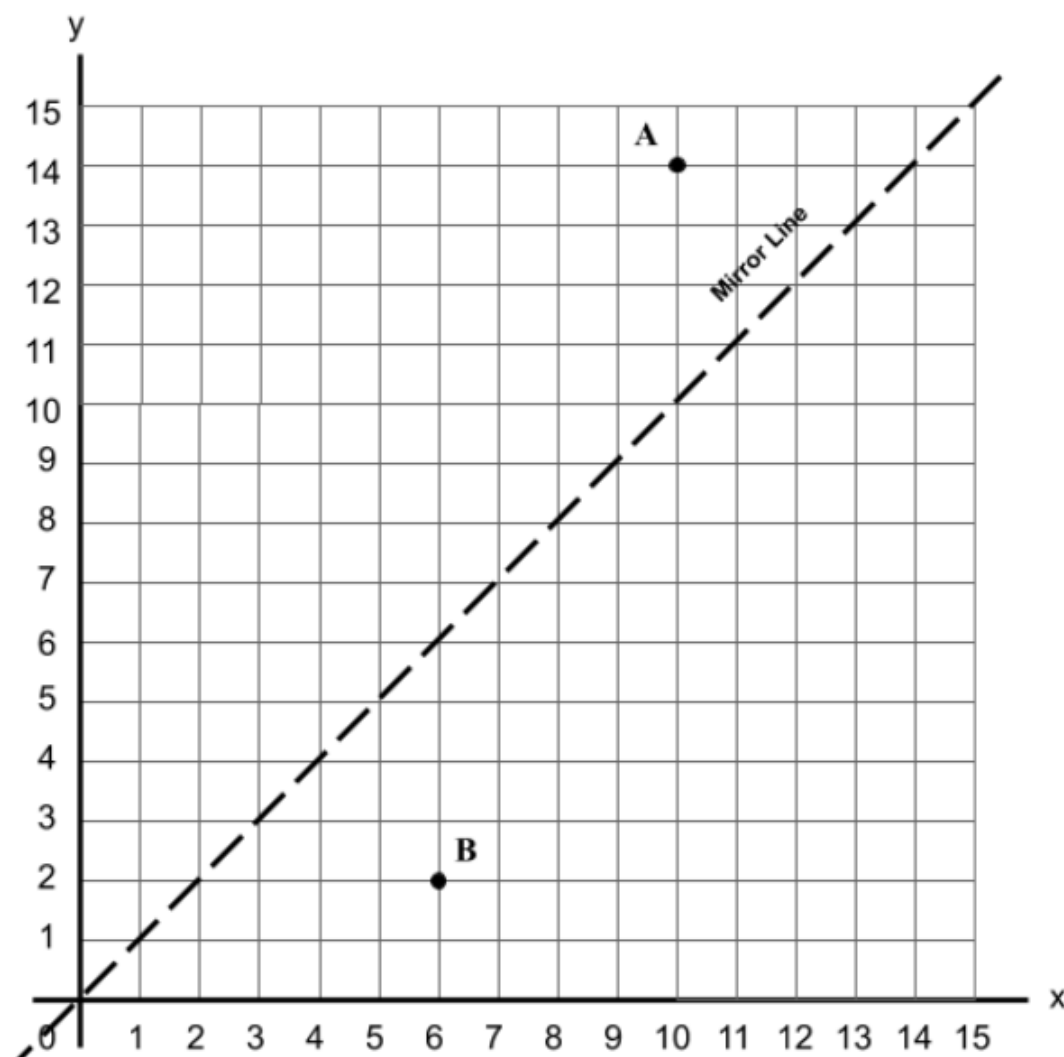
(_____ , _____)

b) The point **A** is **reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

8. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point **(10, 14)**.



a) What are the **coordinates of B**? Write your answer in the space below.

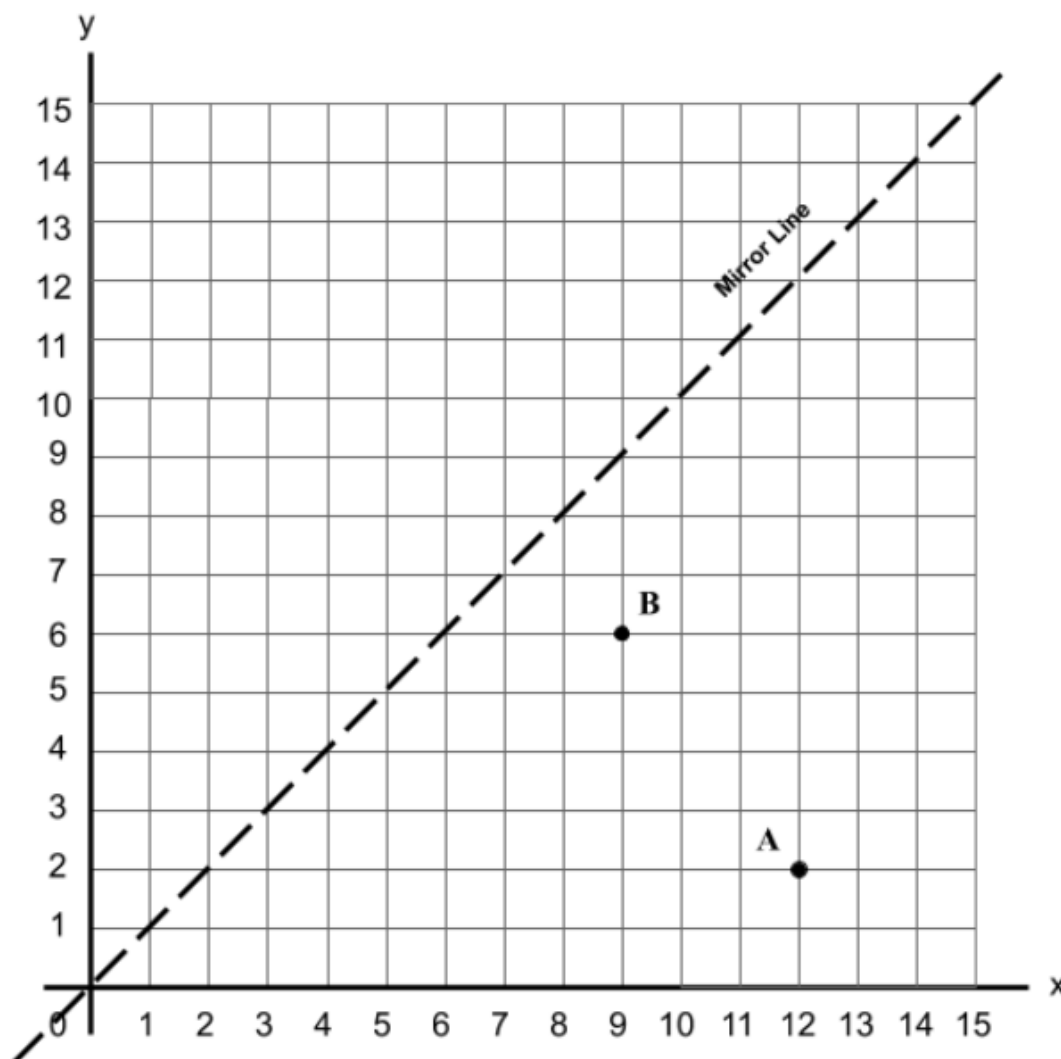
(_____ , _____)

b) The point **A** is **reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

9. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point **(12, 2)**.



a) What are the **coordinates of B**? Write your answer in the space below.

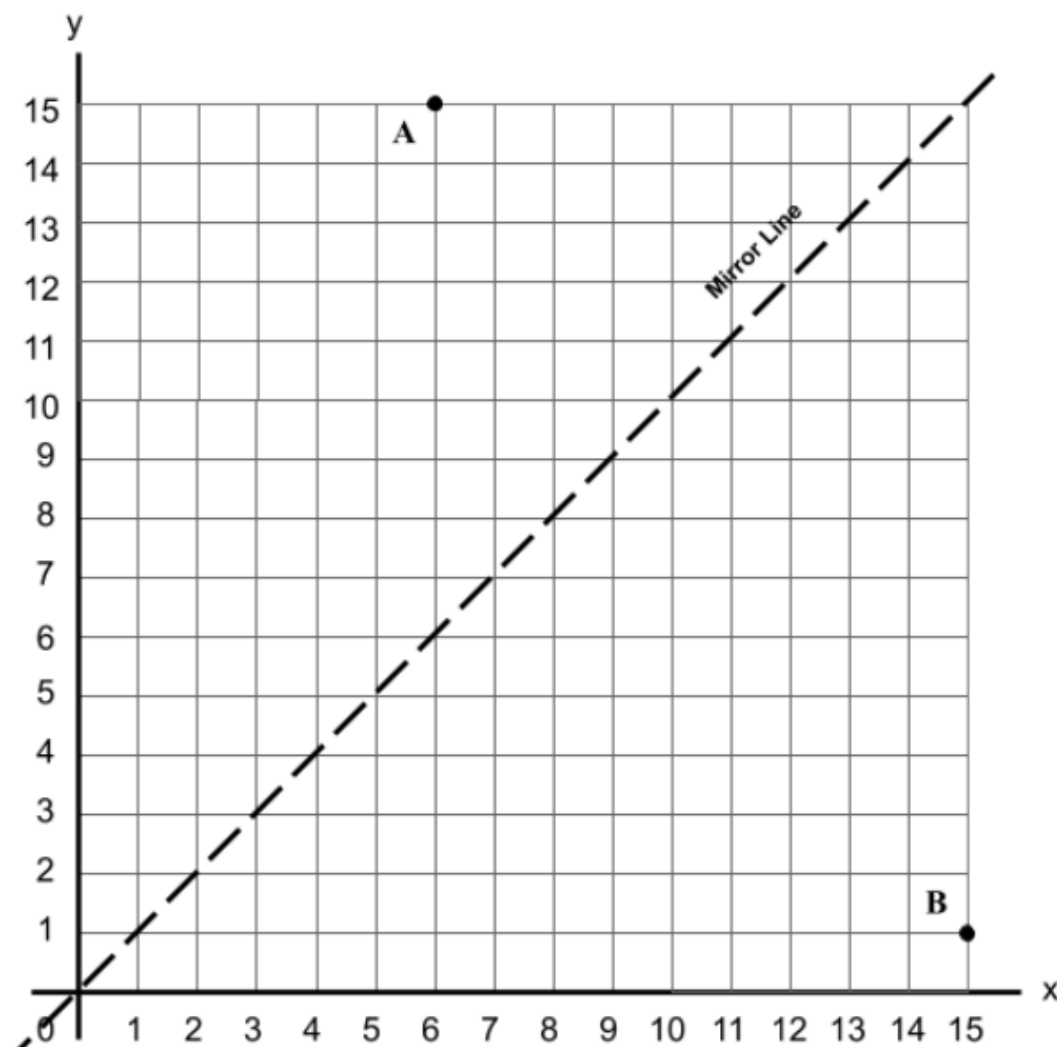
(_____ , _____)

b) The point **A is reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

10. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point **(6, 15)**.



a) What are the **coordinates of B**? Write your answer in the space below.

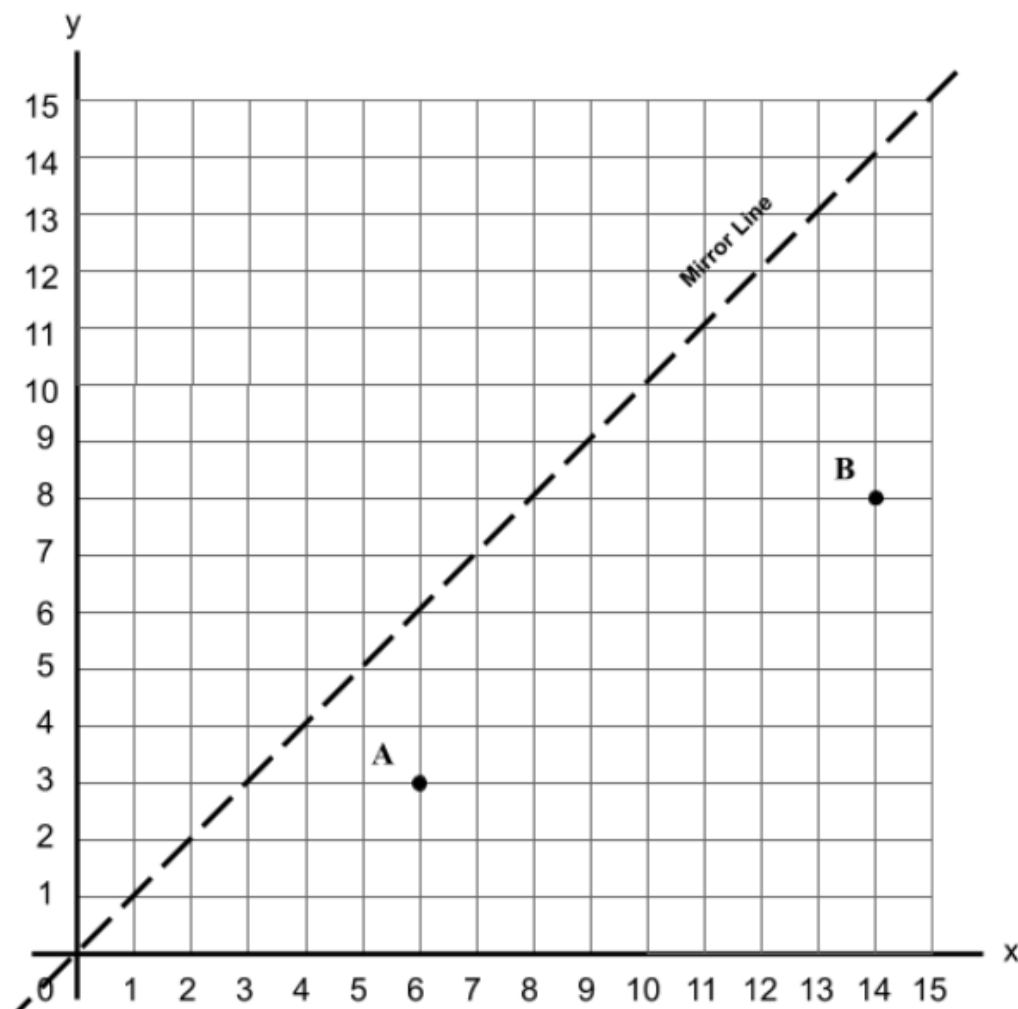
(_____ , _____)

b) The point **A is reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

11. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point **(6, 3)**.



a) What are the **coordinates of B**? Write your answer in the space below.

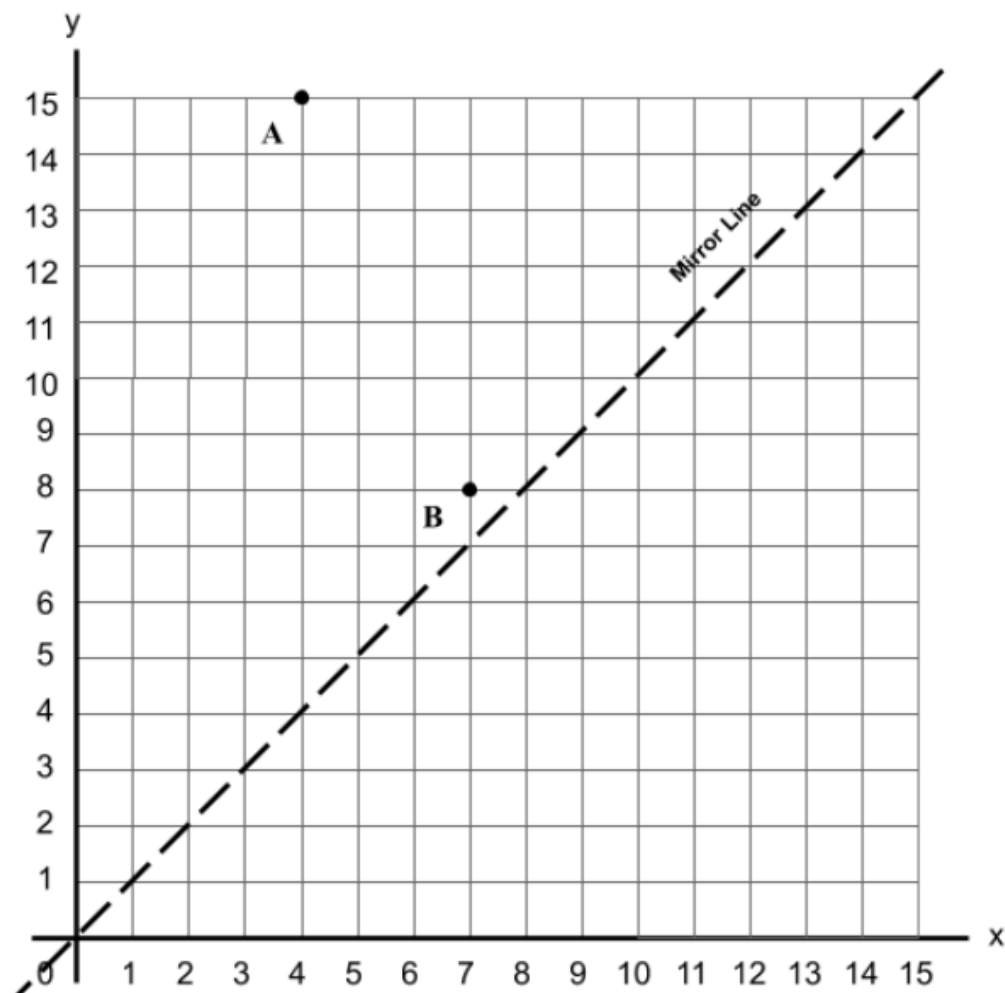
(_____ , _____)

b) The point **A** is **reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

12. In the figure below there are **two points A and B**. There is also a mirror line.

A is the point (4, 15).



a) What are the **coordinates of B**? Write your answer in the space below.

(_____ , _____)

b) The point **A** is **reflected** in the **mirror line**. What are the **coordinates** of the **new point**? Write your answer in the space below.

(_____ , _____)

Answers

- | | |
|----------------|-------------|
| 1. a) (7, 5) | b) (13, 12) |
| 2. a) (12, 12) | b) (11, 5) |
| 3. a) (5, 11) | b) (9, 1) |
| 4. a) (12, 13) | b) (3, 12) |
| 5. a) (11, 1) | b) (6, 9) |
| 6. a) (13, 14) | b) (1, 13) |
| 7. a) (3, 11) | b) (3, 10) |
| 8. a) (6, 2) | b) (14, 10) |
| 9. a) (9, 6) | b) (2, 12) |
| 10.a) (15, 1) | b) (15, 6) |
| 11.a) (14, 8) | b) (3, 6) |
| 12.a) (7, 8) | b) (15, 4) |