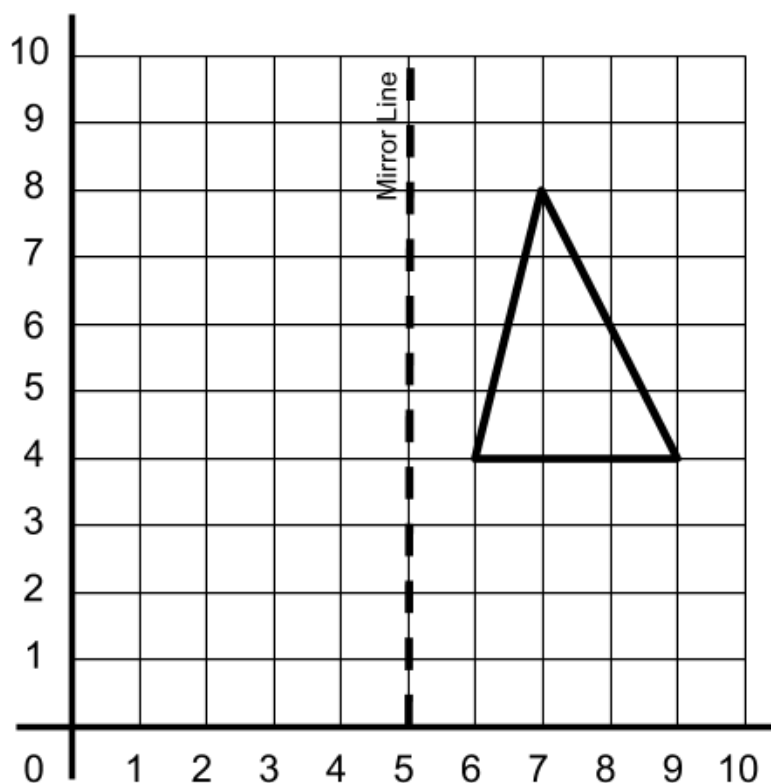


**Q5 (Coordinates) Day 154** Name: \_\_\_\_\_

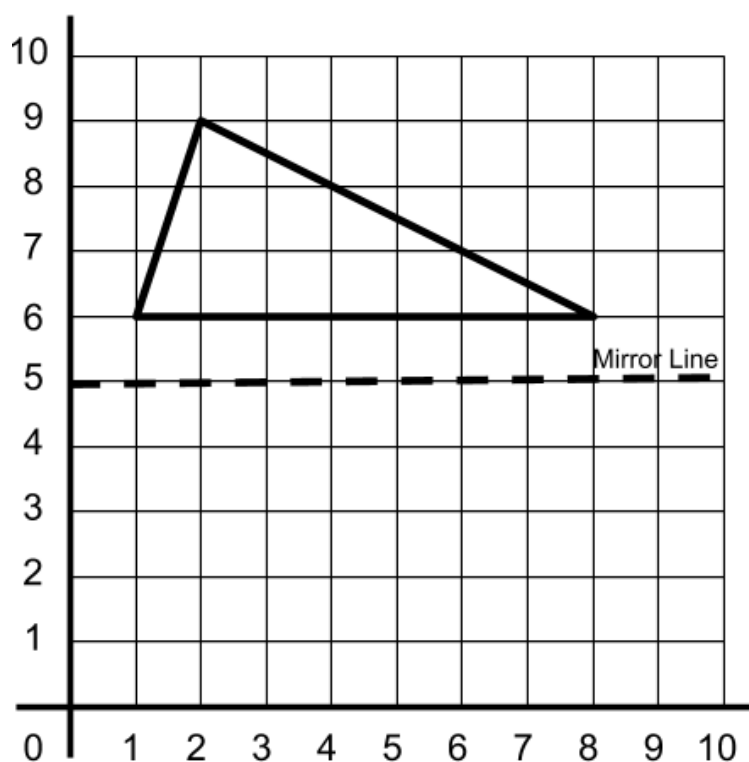
1. In the figure below there is a triangle and a mirror line.



The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

2. In the figure below there is a triangle and a mirror line.

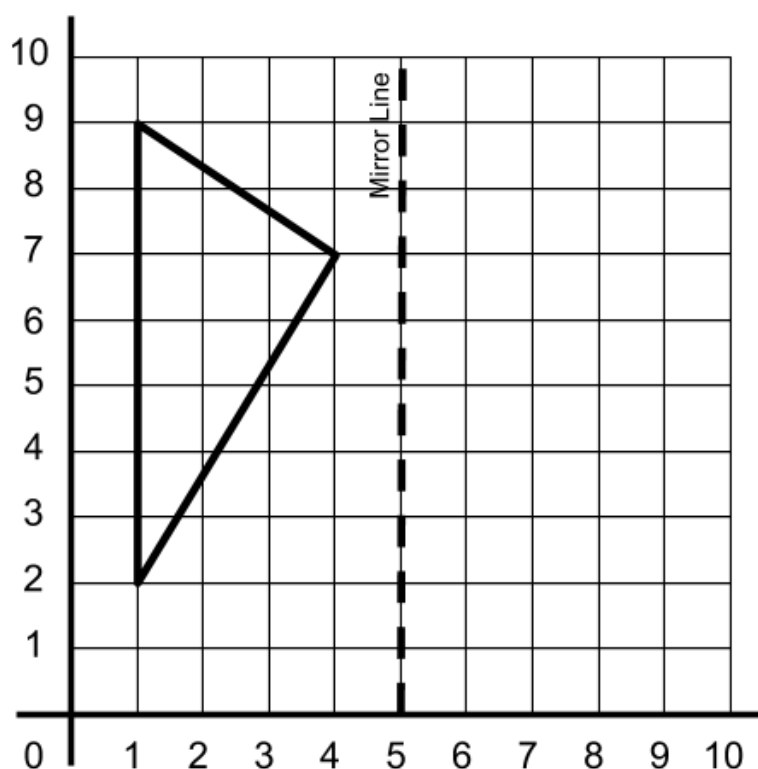


The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

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3. In the figure below there is a triangle and a mirror line.

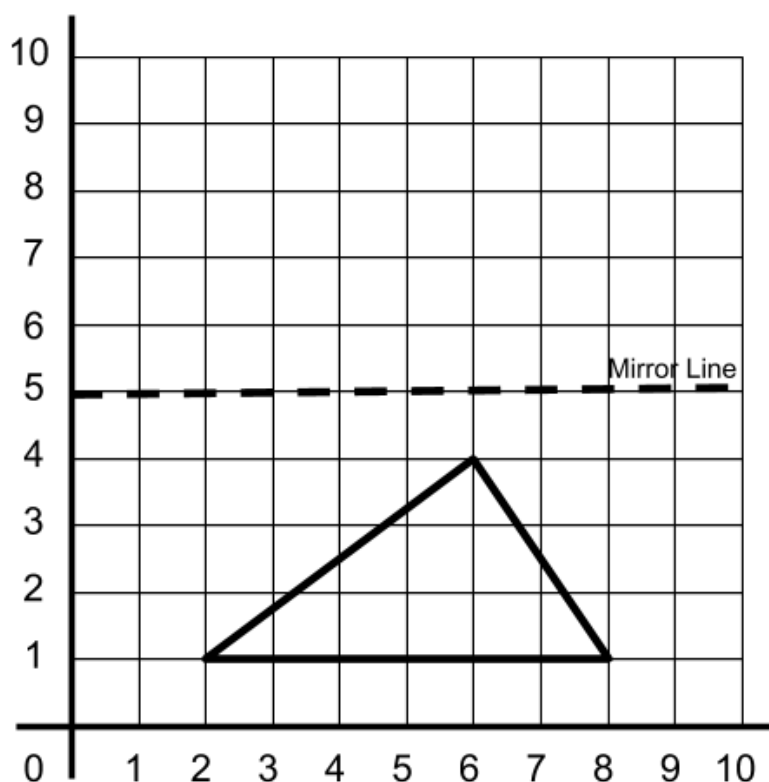


The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

---

4. In the figure below there is a triangle and a mirror line.

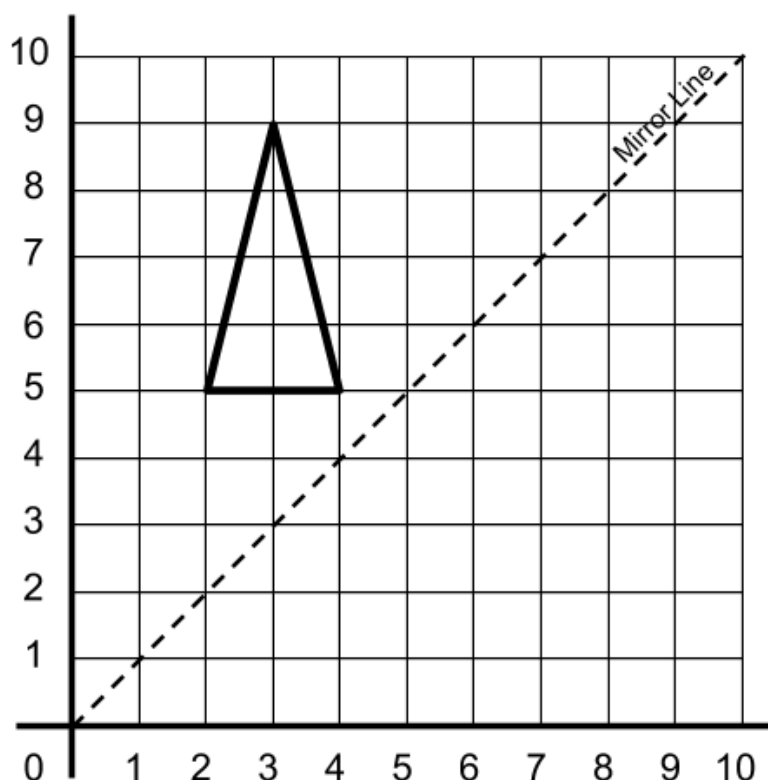


The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

---

5. In the figure below there is a triangle and a mirror line.

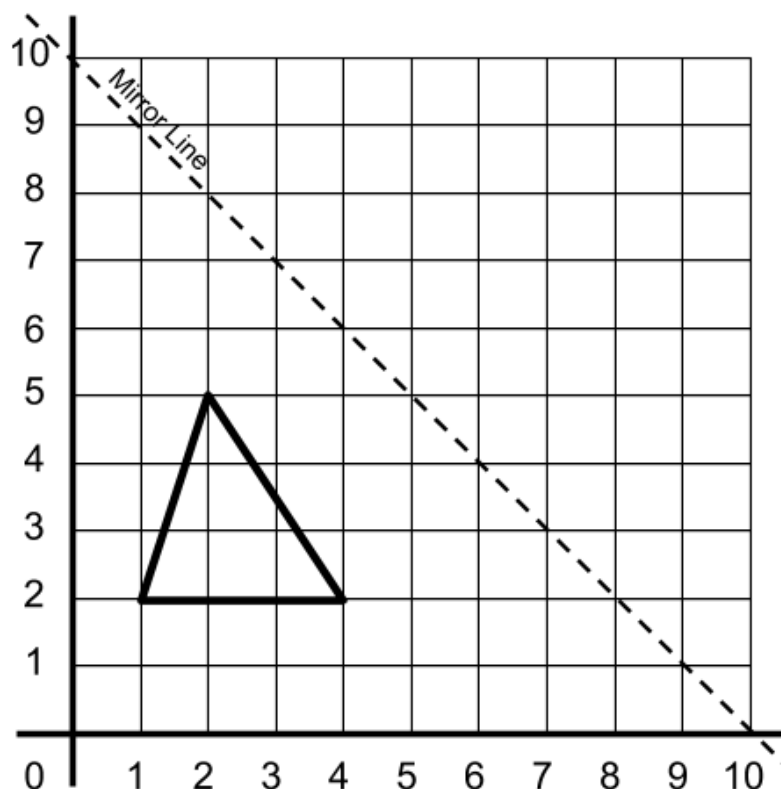


The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

---

6. In the figure below there is a triangle and a mirror line.

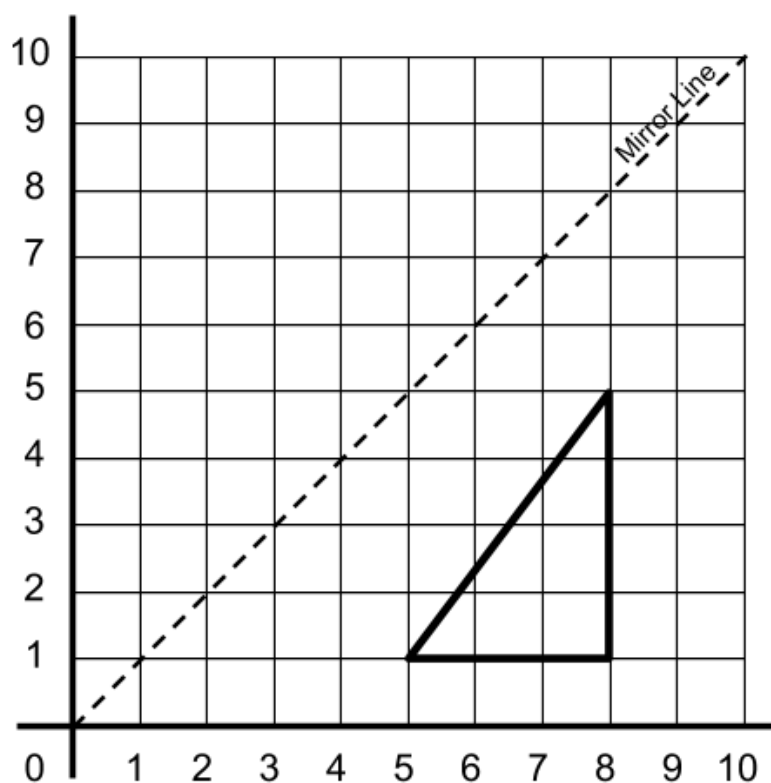


The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

---

7. In the figure below there is a triangle and a mirror line.

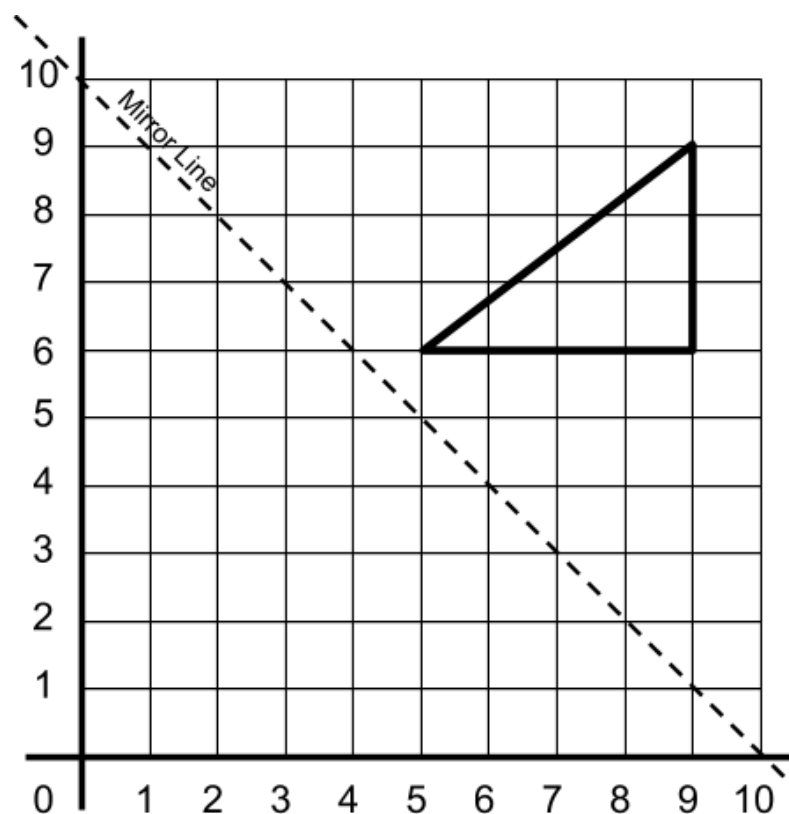


The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

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8. In the figure below there is a triangle and a mirror line.

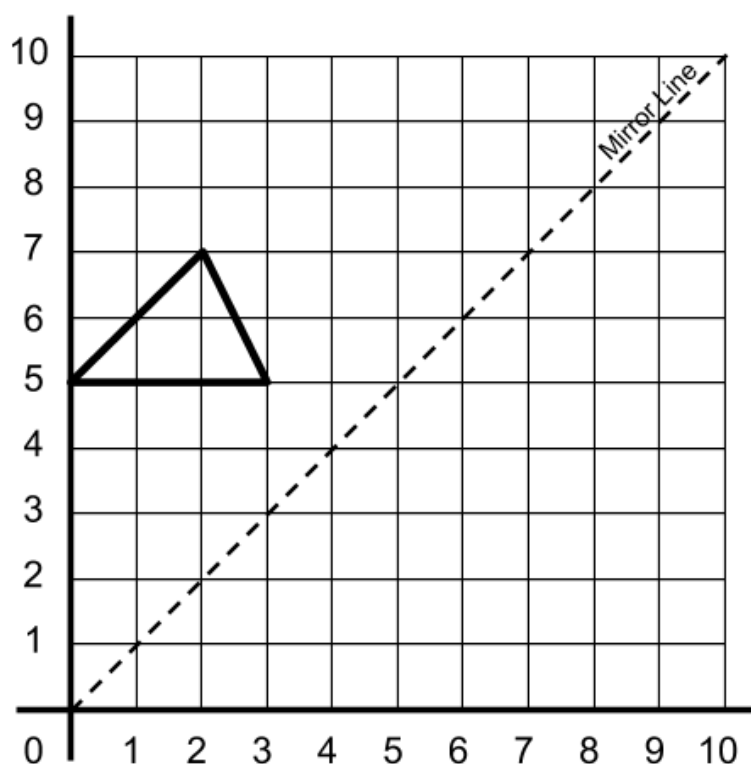


The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

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9. In the figure below there is a triangle and a mirror line.

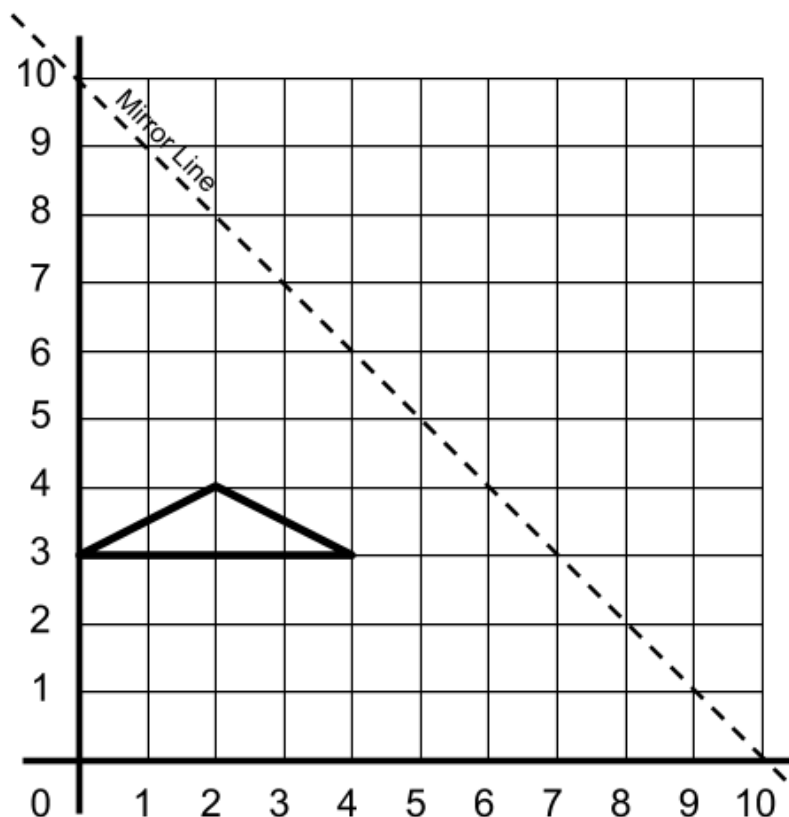


The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

---

10. In the figure below there is a triangle and a mirror line.

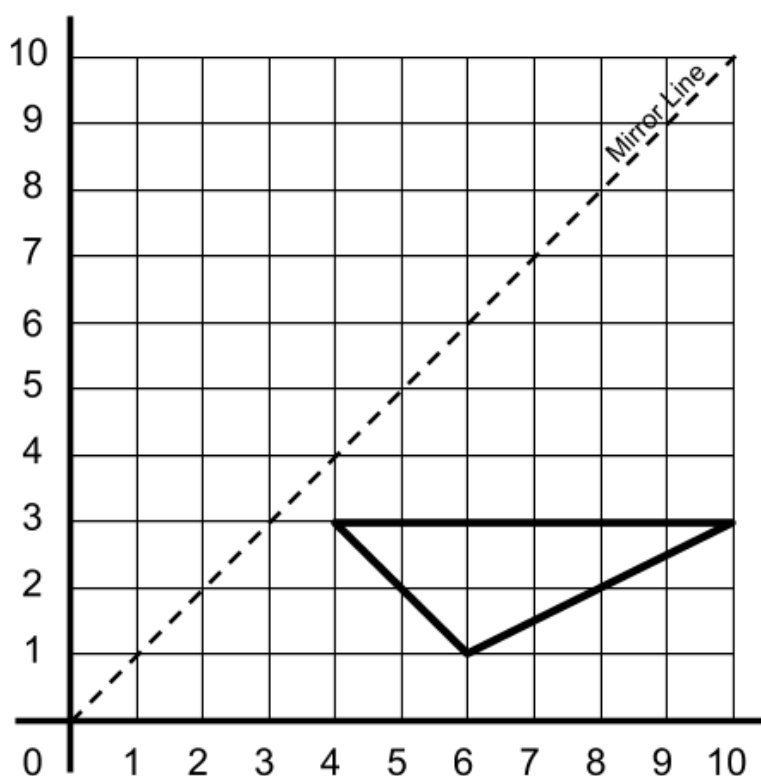


The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

---

11. In the figure below there is a triangle and a mirror line.

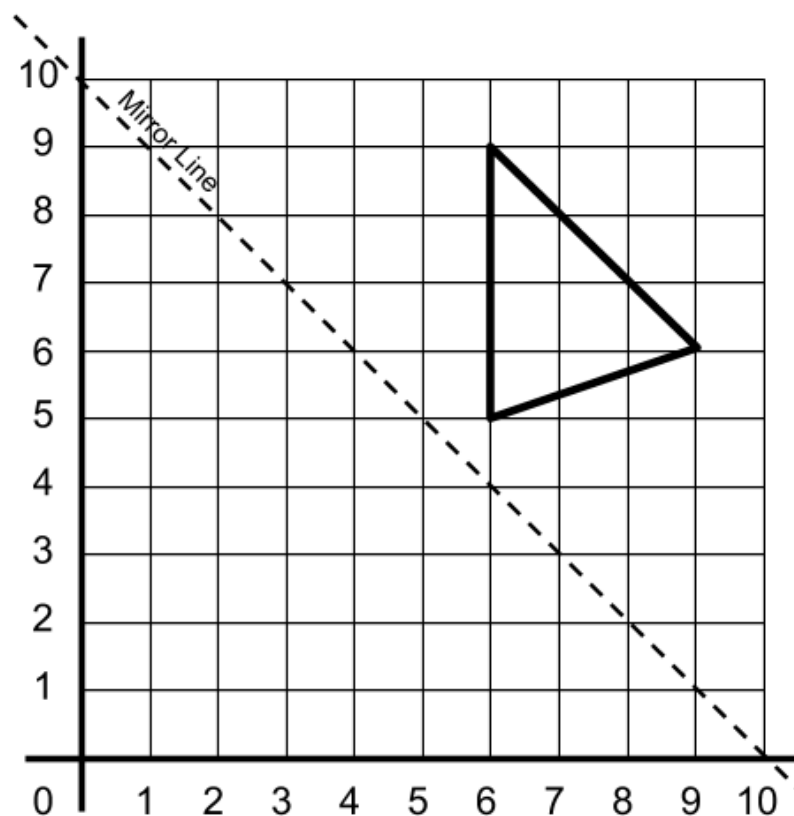


The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

---

12. In the figure below there is a triangle and a mirror line.



The triangle is reflected in the mirror line and a **new triangle** is formed. What are the **coordinates** of the **three vertices** of the **new triangle**? Write your answers in any order in the spaces below.

( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )      ( \_\_\_\_\_ , \_\_\_\_\_ )

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**Answers**

1. (1,4) (3,8) (4,4)
2. (1,4) (2,1) (8,4)
3. (6,7) (9,9) (9,2)
4. (2,9) (6,6) (8,9)
5. (5,2) (5,4) (9,3)
6. (5,8) (8,6) (8,9)
7. (1,5) (1,8) (5,8)
8. (1,1) (4,1) (4,5)
9. (5,0) (5,3) (7,2)
10. (6,8) (7,6) (7,10)
11. (1,6) (3,4) (3,10)
12. (1,4) (4,1) (5,4)