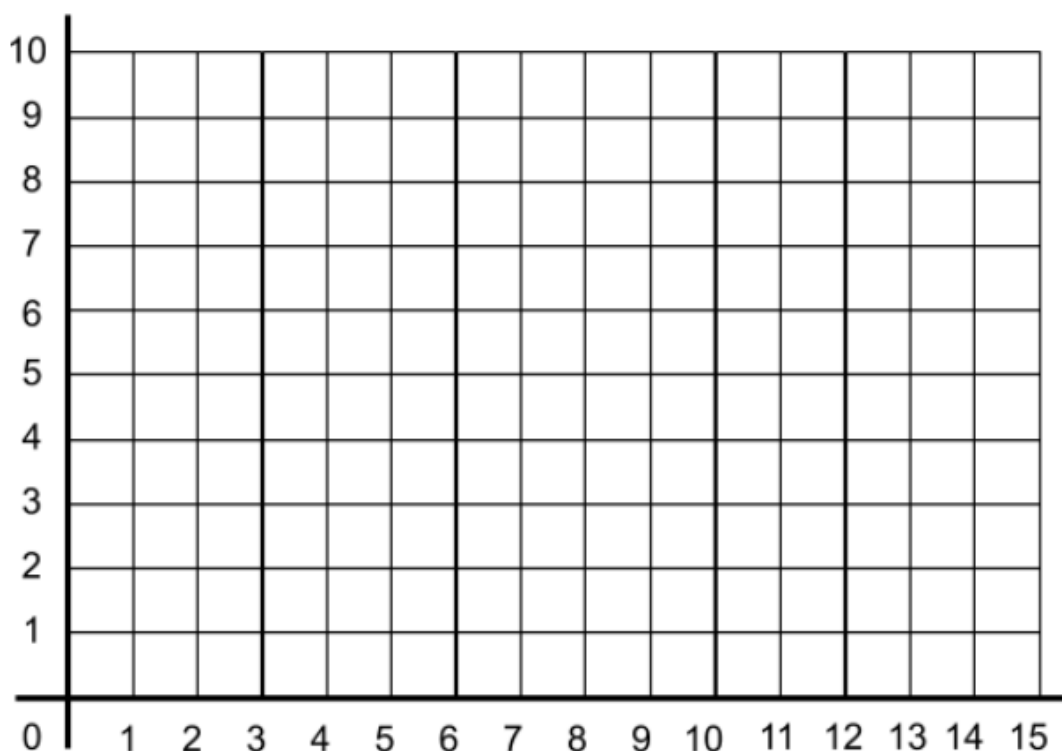


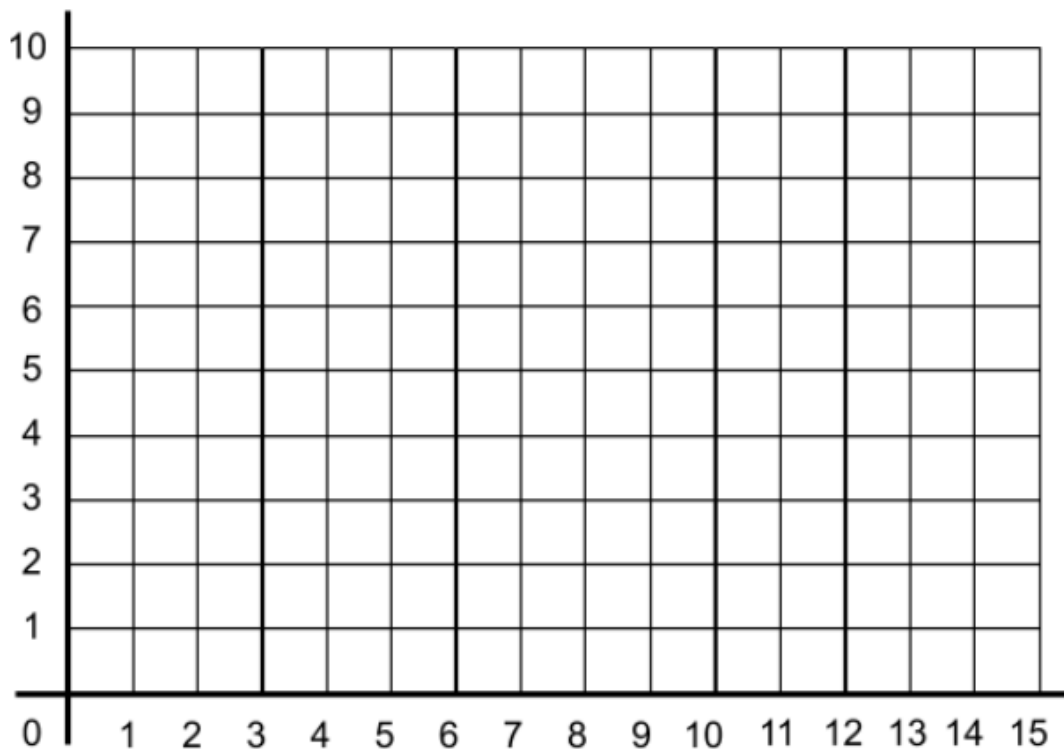
Q5 (Coordinates) Day 123 Name: _____

1. You may find the grid below useful in solving this problem. A pupil plots the points **(3, 7)**, **(3, 2)** and **(8, 2)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **square**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



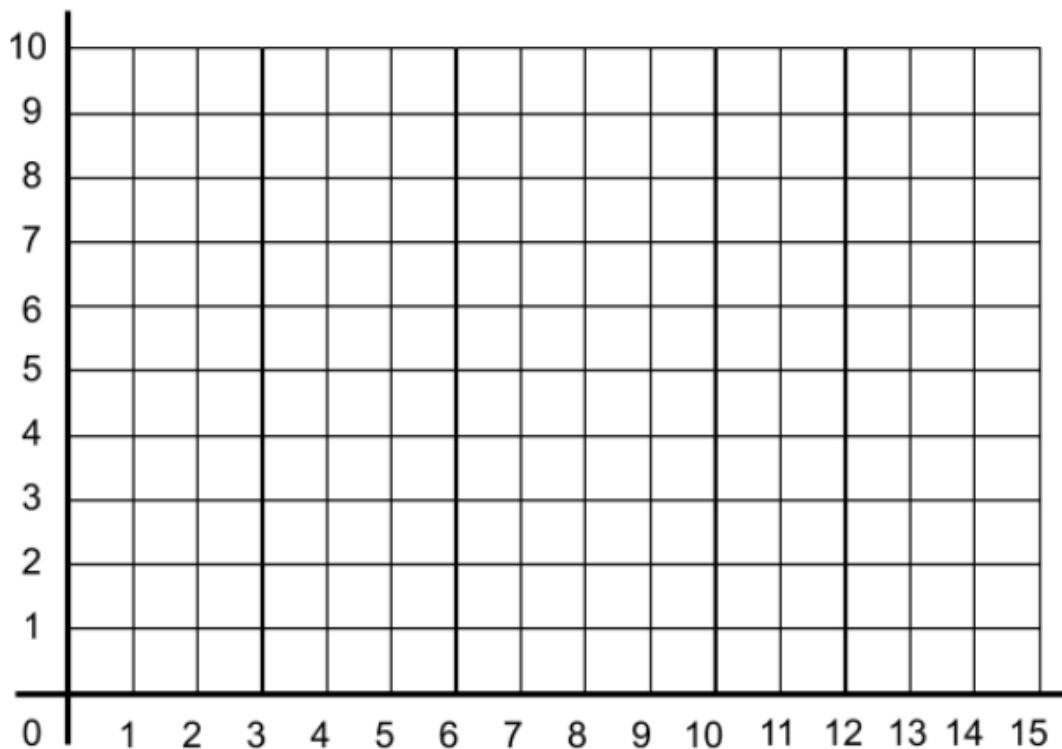
(_____ , _____)

2. You may find the grid below useful in solving this problem. A pupil plots the points **(14, 1)**, **(14, 9)** and **(6, 9)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **square**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



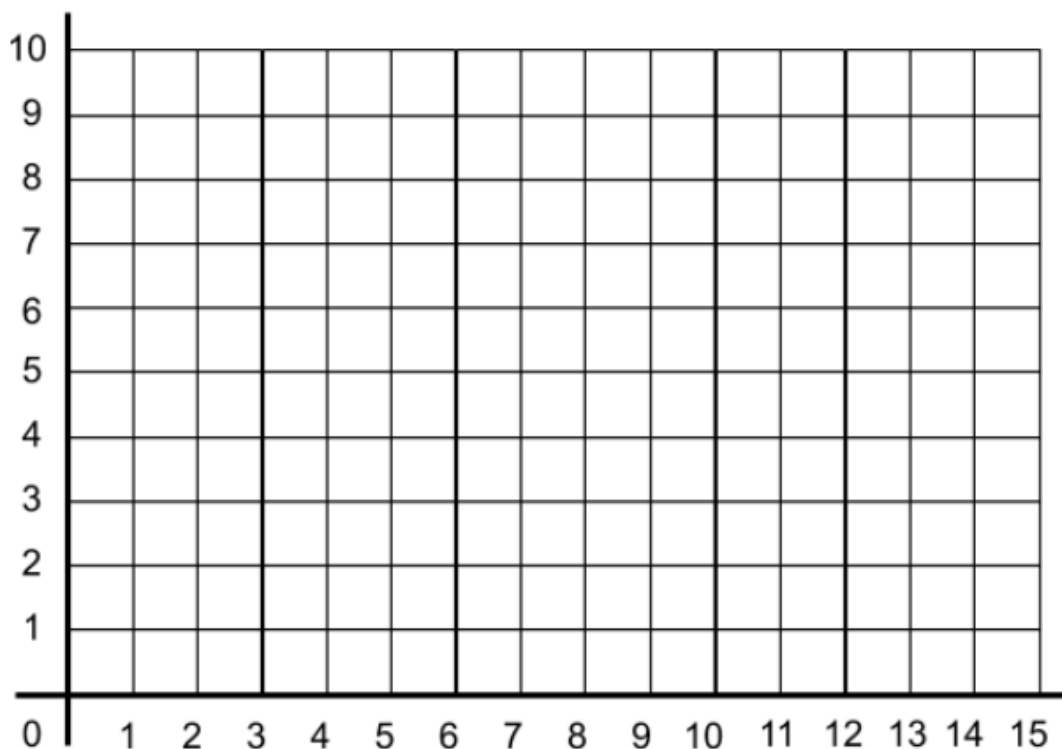
(_____ , _____)

3. You may find the grid below useful in solving this problem. A pupil plots the points **(6, 4)**, **(10, 8)** and **(14, 4)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **square**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



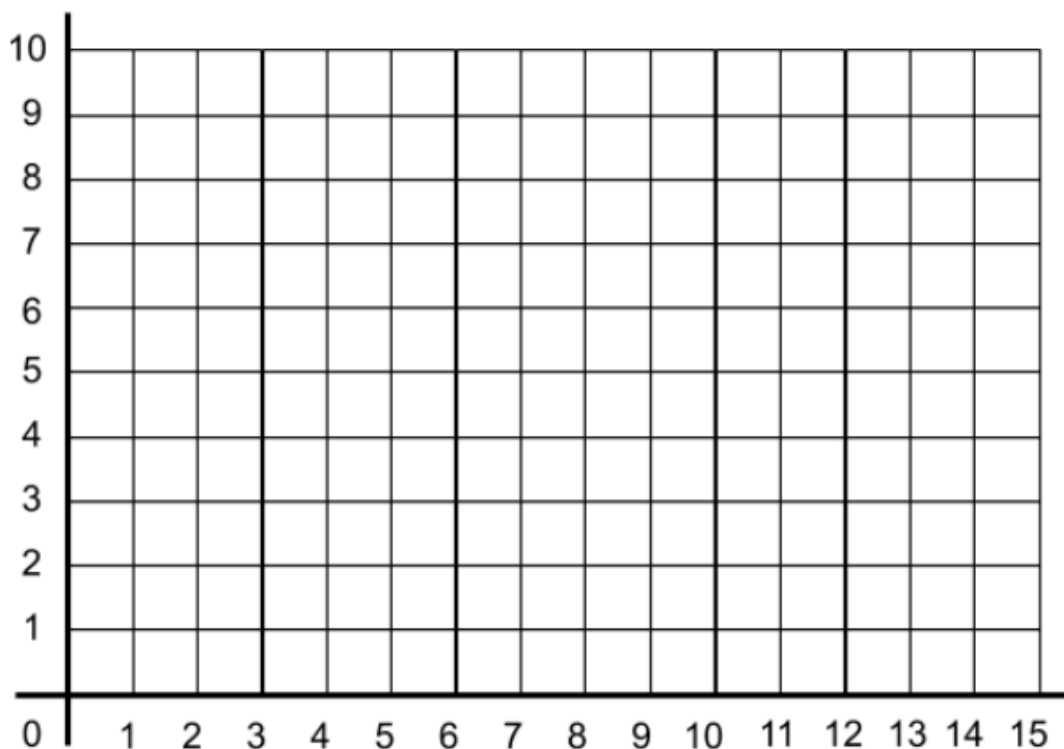
(_____ , _____)

4. You may find the grid below useful in solving this problem. A pupil plots the points **(12, 8)**, **(12, 4)** and **(3, 4)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **rectangle**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



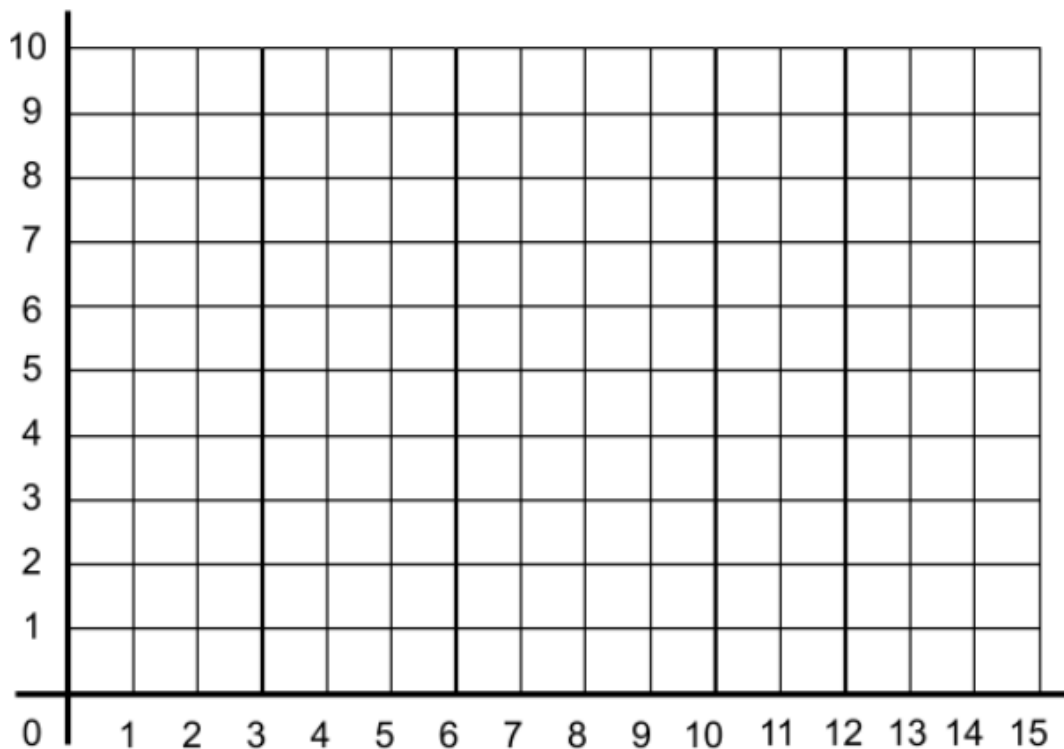
(_____ , _____)

5. You may find the grid below useful in solving this problem. A pupil plots the points **(13, 7)**, **(13, 8)** and **(6, 8)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **rectangle**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



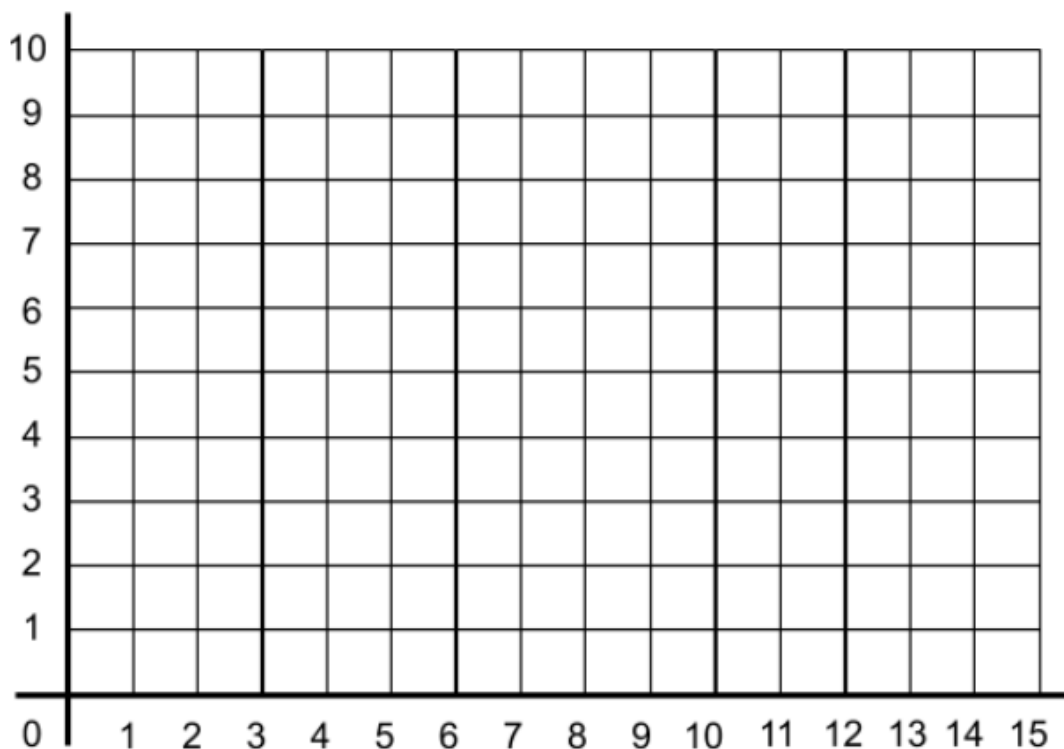
(_____ , _____)

6. You may find the grid below useful in solving this problem. A pupil plots the points **(12, 3)**, **(9, 0)** and **(3, 6)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **rectangle**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



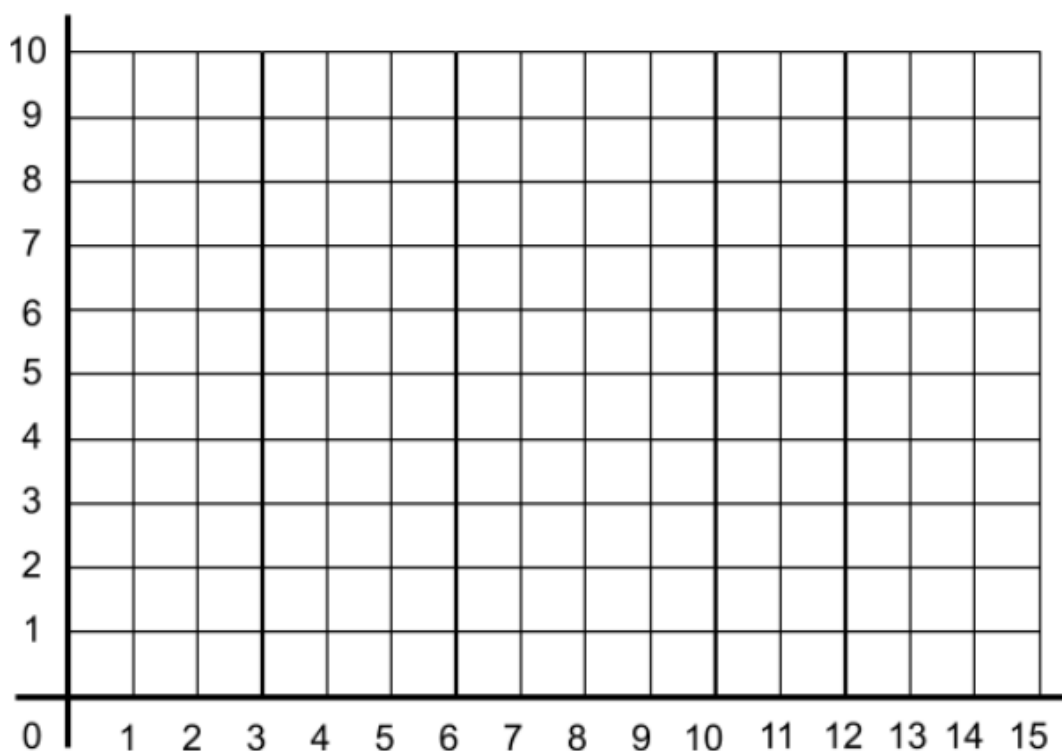
(_____ , _____)

7. You may find the grid below useful in solving this problem. A pupil plots the points **(5, 5)**, **(13, 5)** and **(11, 2)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **parallelogram**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



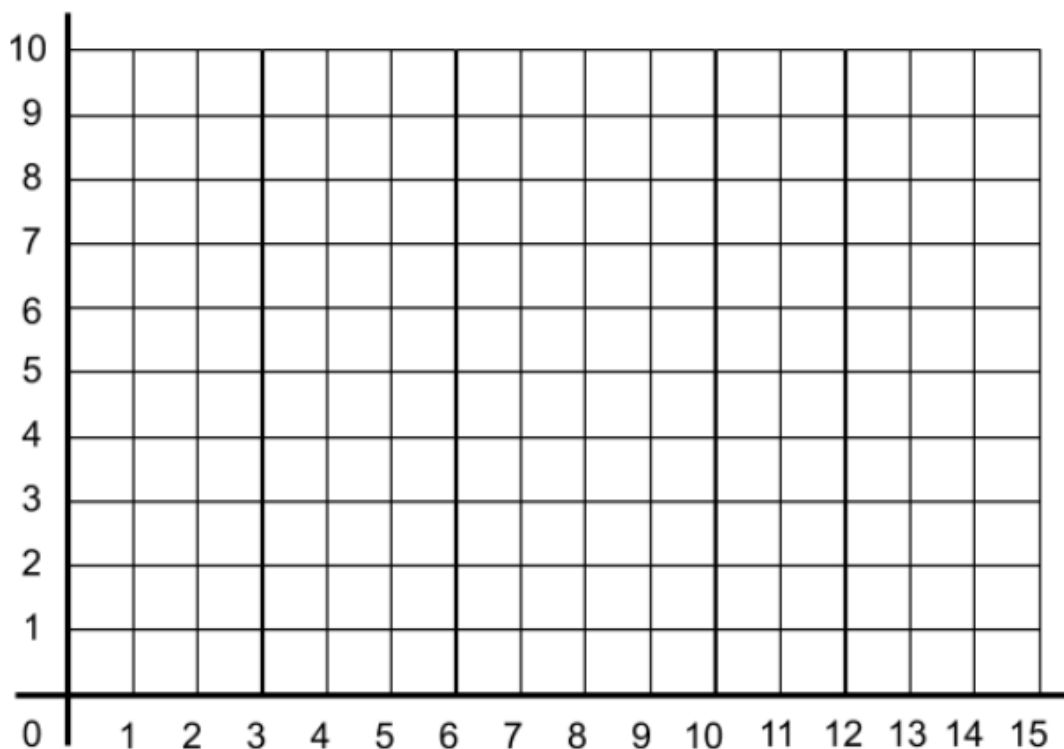
(_____ , _____)

8. You may find the grid below useful in solving this problem. A pupil plots the points **(11, 8)**, **(14, 5)** and **(6, 5)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **parallelogram**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



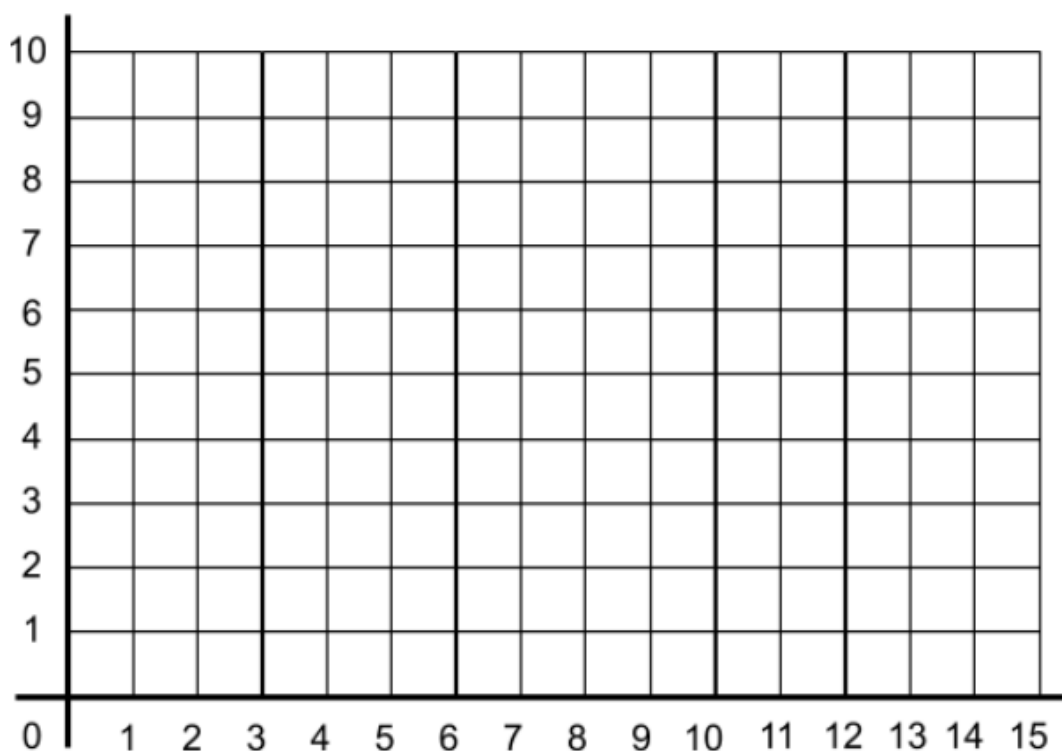
(_____ , _____)

9. You may find the grid below useful in solving this problem. A pupil plots the points **(12, 7)**, **(12, 1)** and **(6, 3)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **parallelogram**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



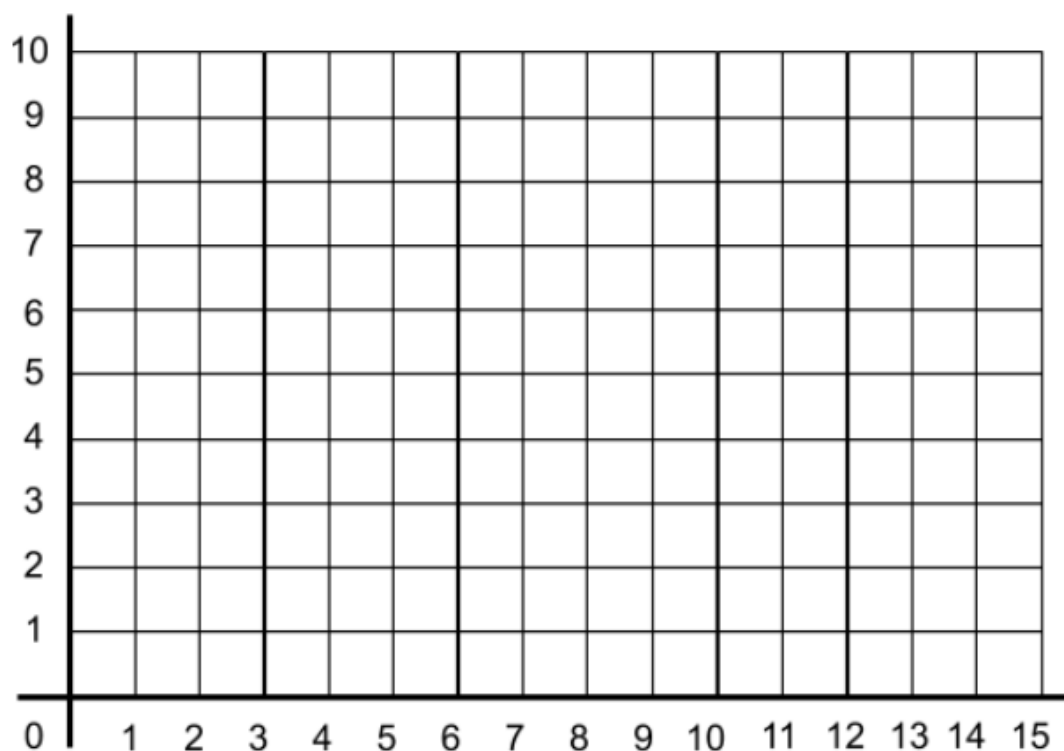
(_____ , _____)

10. You may find the grid below useful in solving this problem. A pupil plots the points **(7, 3)**, **(3, 7)** and **(6, 8)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **parallelogram**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



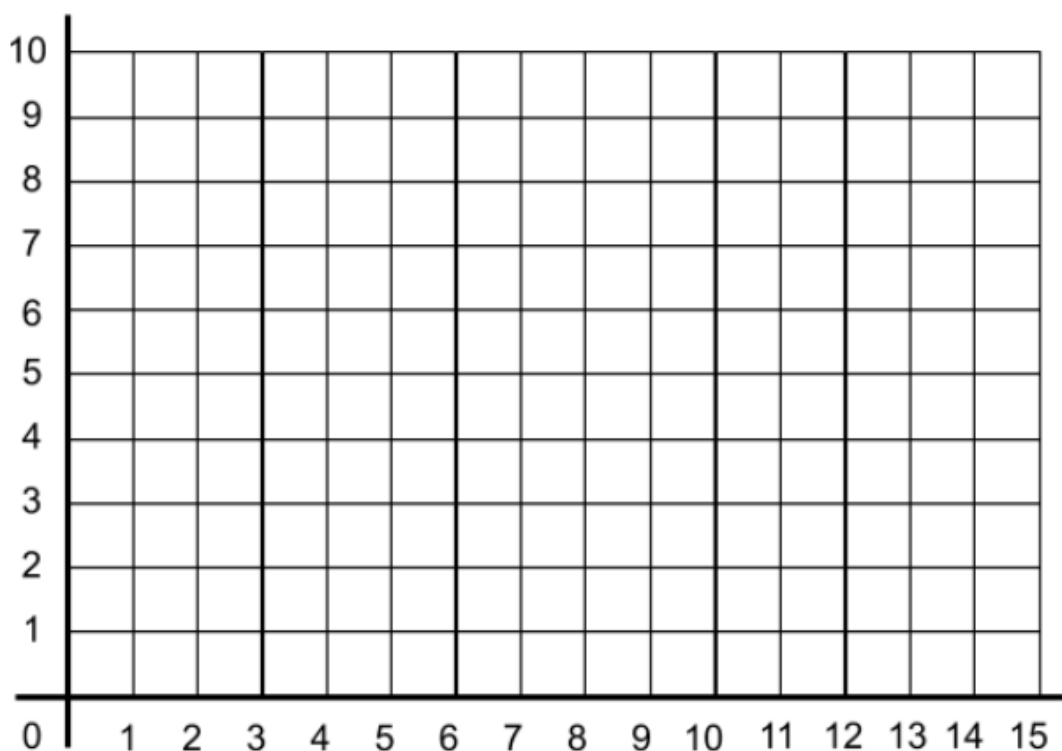
(_____ , _____)

11. You may find the grid below useful in solving this problem. A pupil plots the points **(5, 8)**, **(13, 7)** and **(11, 4)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **parallelogram**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



(_____ , _____)

12. You may find the grid below useful in solving this problem. A pupil plots the points **(14, 2)**, **(5, 3)** and **(3, 9)**. The pupil then plots a **fourth point on the grid**. When they join the points in order, they now have a **parallelogram**. What are the coordinates of the pupils fourth point? Write your answer in the space below.



(_____ , _____)

Answers

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