Coordinate Geometry MCAS Worksheet 1   **Name** _____
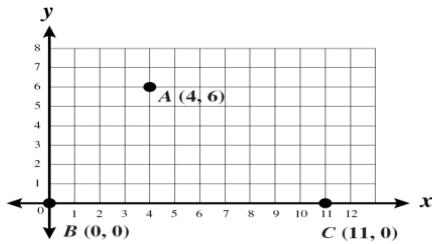
1 What is the midpoint of the line segment joining points (3, 5) and (−6, 1)?

Mark your answer here: 1. Ⓐ Ⓑ Ⓒ Ⓓ

A. (−4.5, 3)

B. (−3, 6)

C. (−1.5, 3)

D. (1.5, 2)

2 The coordinates for three vertices of trapezoid *ABCD* are

Mark your answer here: 2. Ⓐ Ⓑ Ⓒ Ⓓ

- *A* (4, 6)
- *B* (0, 0)
- *C* (11, 0)

The area of the trapezoid is 48 square units.

Which of the following could be the coordinates of point *D*?

A. (5, 6)

B. (9, 6)

C. (11, 5)

D. (11, 6)