

Coordinate Geometry MCAS Worksheet 1

Name _____

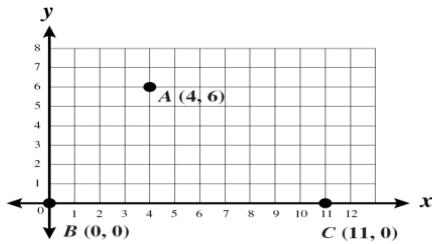
- 1** What is the midpoint of the line segment joining points $(3, 5)$ and $(-6, 1)$?
- A. $(-4.5, 3)$
 - B. $(-3, 6)$
 - C. $(-1.5, 3)$
 - D. $(1.5, 2)$

Mark your answer here: 1. A B C D

- 2** The coordinates for three vertices of trapezoid $ABCD$ are
- $A(4, 6)$
 - $B(0, 0)$
 - $C(11, 0)$

Mark your answer here: 2. A B C D

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. $(11, 6)$



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All test items have been released to the public by the Massachusetts Department of Elementary and Secondary Education.