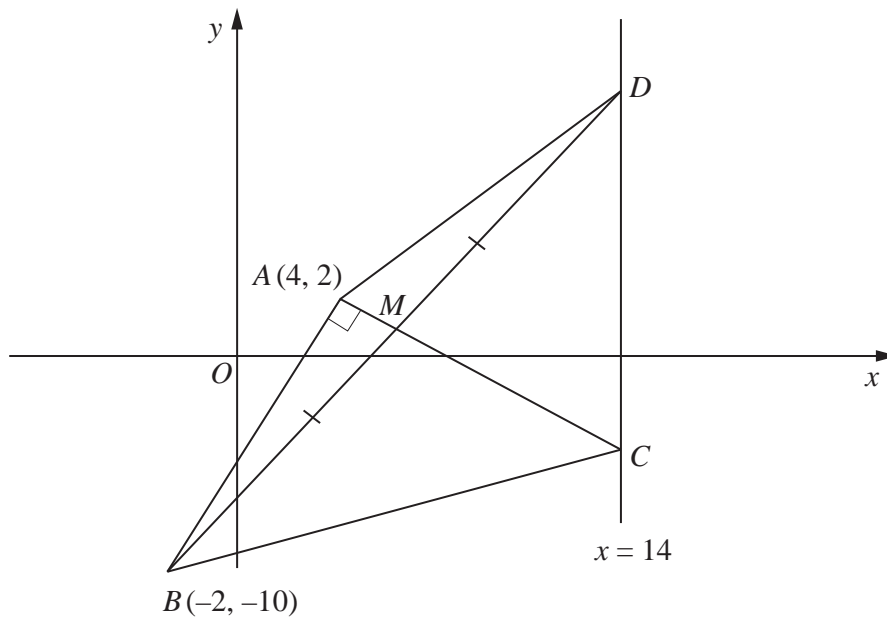


9 Solutions to this question by accurate drawing will not be accepted.

For
Examiner's
Use



The diagram shows the quadrilateral $ABCD$ in which A is the point $(4, 2)$ and B is the point $(-2, -10)$. The points C and D lie on the line $x = 14$. The diagonal AC is perpendicular to AB and passes through the mid-point, M , of the diagonal BD . Find the area of the quadrilateral $ABCD$.

[9]