

Coordinate proofs

Variables

powered by
ExamView®

coord.pdfs.notes.gwb - 38 : Sun Oct 29 2017 12:54:05

Which diagram shows the most useful positioning and accurate labeling of a kite in the coordinate plane?

- A.
- B.
- C.
- D.

www.mrtownsend.com

powered by
ExamView®

Which diagram shows the most useful positioning and accurate labeling of an isosceles trapezoid in the coordinate plane?

- A.
- B.
- C.
- D.

powered by
ExamView®

coord.pdfs.notes.gwb - 48 : Sun Oct 29 2017 12:56:57

Which diagram shows the most useful positioning and accurate labeling of a rhombus in the coordinate plane?

- A.
- B.
- C.
- D.

Which diagram shows the most useful positioning of a rectangle in the first quadrant of a coordinate plane?

- A.
- B.
- C.
- D.

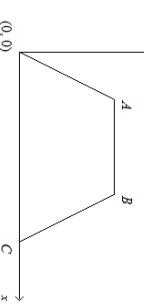
In the coordinate plane, three vertices of rectangle HJK are $H(0, 0)$, $J(0, d)$, and $K(e, 0)$. What are the coordinates of point J' ?

A. (e, d)
B. $\left(\frac{d}{2}, \frac{e}{2}\right)$
C. $(2e, 2d)$
D. (d, e)

www.mrtownsend.com

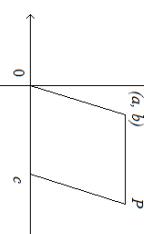
powered by
ExamView®

The vertices of the trapezoid are the origin along with $A(4p, 4q)$, $B(4r, 4q)$, and $C(4s, 0)$. Find the midpoint of the midsegment of the trapezoid.



- A. $(p+r+s, 2q)$
B. $(2p+2s, 2q)$
- C. $(2p+2s, q)$
D. $(2r, 2q)$

For the parallelogram, find coordinates for P without using any new variables.



- A. $(a+c, b)$
B. $(a-c, c)$
- C. (c, a)
D. (c, b)