

Use these points.

$A(4,5)$ $B(-2,8)$ $C(7,11)$ $D(-7,-2)$

1. Find a segment congruent to $\overline{AC}$ (use distance formula)

Use these points.

$A(4,5)$ $B(-2,8)$ $C(7,11)$ $D(-7,-2)$

2. Find a segment parallel to $\overline{AC}$ (use slope)

Use these points.

$A(4,5)$ $B(-2,8)$ $C(7,11)$ $D(-7,-2)$

3. Find a segment perpendicular to $\overline{AC}$ (use slope)