**Do Now Quiz**

For the questions below, use the graph.

1. Plot and draw 

*A* = (0, 0)

*B* = (8, 12)

*C* = (10, 0)

2. State the midpoint formula. Calculate and plot the midpoint *D* of  and midpoint *E* of . Draw .

3. State the formula for slope. Calculate the slope of and 

4. State for distance formula. Calculate the lengths *AC* and *DE.*

*Challenge*



Prove 