## Find Corresponding Lengths in Similar Triangles

Find the length of the unknown side

Which sides correspond?

 $AB \sim DC$ 

CE ~ AE

## **Find the Ratio**

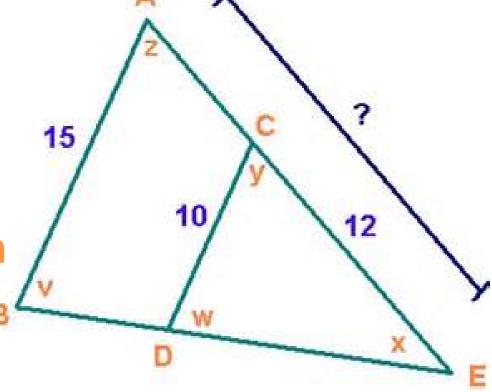
15: 10 or 15/10 or 1.5

Find the missing length

X = ratio x known side

 $X = 1.5 \times 12$ 

X = 18



Meets Common Core Standard: HSG-SRT.A.3