

Find Corresponding Lengths in Similar Triangles

Find the length of the unknown side

Which sides correspond?

$$AB \sim DC$$

$$CE \sim AE$$

Find the Ratio

$$15:10 \text{ or } 15/10 \text{ or } 1.5$$

Find the missing length

$$X = \text{ratio} \times \text{known side}$$

$$X = 1.5 \times 12$$

$$X = 18$$

