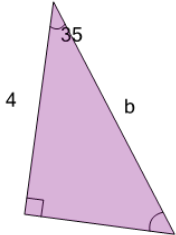


## Trigonometry - Side Length Ratios in Decimal from Diagrams

**1**

Solve for the side length in decimal form by calculating the trigonometric ratio



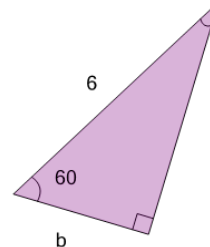
$$\begin{array}{l} \text{A} \\ b = \frac{0.82}{4.9} \end{array} \quad \begin{array}{l} \text{B} \\ b = \frac{4}{0.82} \end{array}$$

$$\begin{array}{l} \text{C} \\ b = \frac{0.82}{4} \end{array} \quad \begin{array}{l} \text{D} \\ b = \frac{0.82}{2.8} \end{array}$$

$$\begin{array}{l} \text{E} \\ b = 0.82 \times 4.9 \end{array} \quad \begin{array}{l} \text{F} \\ b = \frac{2.8}{0.82} \end{array}$$

**2**

Solve for the side length in decimal form by calculating the trigonometric ratio



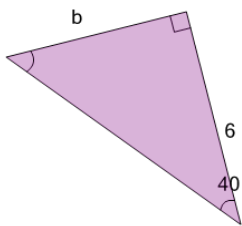
$$\begin{array}{l} \text{A} \\ b = \frac{0.50}{6} \end{array} \quad \begin{array}{l} \text{B} \\ b = \frac{6}{0.50} \end{array}$$

$$\begin{array}{l} \text{C} \\ b = \frac{5.2}{0.50} \end{array} \quad \begin{array}{l} \text{D} \\ b = \frac{0.50}{3} \end{array}$$

$$\begin{array}{l} \text{E} \\ b = 0.50 \times 3 \end{array} \quad \begin{array}{l} \text{F} \\ b = 0.50 \times 6 \end{array}$$

**3**

Solve for the side length in decimal form by calculating the trigonometric ratio



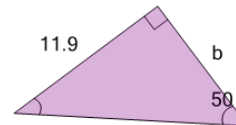
$$\begin{array}{l} \text{A} \\ b = \frac{0.84}{7.8} \end{array} \quad \begin{array}{l} \text{B} \\ b = \frac{0.84}{6} \end{array}$$

$$\begin{array}{l} \text{C} \\ b = 0.84 \times 6 \end{array} \quad \begin{array}{l} \text{D} \\ b = \frac{0.84}{5} \end{array}$$

$$\begin{array}{l} \text{E} \\ b = \frac{7.8}{0.84} \end{array} \quad \begin{array}{l} \text{F} \\ b = 0.84 \times 5 \end{array}$$

**4**

Solve for the side length in decimal form by calculating the trigonometric ratio



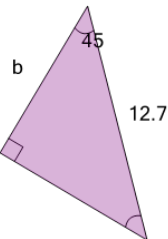
$$\begin{array}{l} \text{A} \\ b = 1.19 \times 15.6 \end{array} \quad \begin{array}{l} \text{B} \\ b = 1.19 \times 11.9 \end{array}$$

$$\begin{array}{l} \text{C} \\ b = \frac{15.6}{1.19} \end{array} \quad \begin{array}{l} \text{D} \\ b = \frac{1.19}{10} \end{array}$$

$$\begin{array}{l} \text{E} \\ b = \frac{1.19}{11.9} \end{array} \quad \begin{array}{l} \text{F} \\ b = \frac{11.9}{1.19} \end{array}$$

**5**

Solve for the side length in decimal form by calculating the trigonometric ratio



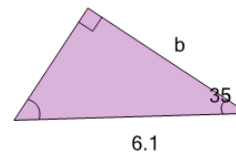
$$\begin{array}{l} \text{A} \\ b = \frac{0.71}{12.7} \end{array} \quad \begin{array}{l} \text{B} \\ b = \frac{0.71}{9} \end{array}$$

$$\begin{array}{l} \text{C} \\ b = \frac{12.7}{0.71} \end{array} \quad \begin{array}{l} \text{D} \\ b = 0.71 \times 9 \end{array}$$

$$\begin{array}{l} \text{E} \\ b = 0.71 \times 12.7 \end{array} \quad \begin{array}{l} \text{F} \\ b = \frac{9}{0.71} \end{array}$$

**6**

Solve for the side length in decimal form by calculating the trigonometric ratio



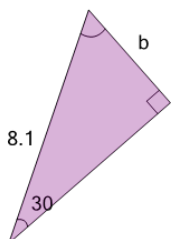
$$\begin{array}{l} \text{A} \\ b = 0.82 \times 5 \end{array} \quad \begin{array}{l} \text{B} \\ b = \frac{0.82}{6.1} \end{array}$$

$$\begin{array}{l} \text{C} \\ b = 0.82 \times 6.1 \end{array} \quad \begin{array}{l} \text{D} \\ b = \frac{3.5}{0.82} \end{array}$$

$$\begin{array}{l} \text{E} \\ b = \frac{0.82}{5} \end{array} \quad \begin{array}{l} \text{F} \\ b = 0.82 \times 3.5 \end{array}$$

**7**

Solve for the side length in decimal form by calculating the trigonometric ratio



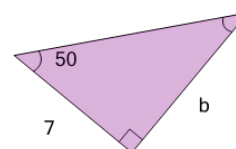
$$\begin{array}{l} \text{A} \\ b = \frac{0.50}{8.1} \end{array} \quad \begin{array}{l} \text{B} \\ b = 0.50 \times 4 \end{array}$$

$$\begin{array}{l} \text{C} \\ b = \frac{0.50}{7} \end{array} \quad \begin{array}{l} \text{D} \\ b = 0.50 \times 8.1 \end{array}$$

$$\begin{array}{l} \text{E} \\ b = 0.50 \times 7 \end{array} \quad \begin{array}{l} \text{F} \\ b = \frac{0.50}{4} \end{array}$$

**8**

Solve for the side length in decimal form by calculating the trigonometric ratio



$$\begin{array}{l} \text{A} \\ b = \frac{1.19}{7} \end{array} \quad \begin{array}{l} \text{B} \\ b = \frac{1.19}{8.3} \end{array}$$

$$\begin{array}{l} \text{C} \\ b = 1.19 \times 10.9 \end{array} \quad \begin{array}{l} \text{D} \\ b = \frac{1.19}{10.9} \end{array}$$

$$\begin{array}{l} \text{E} \\ b = 1.19 \times 7 \end{array} \quad \begin{array}{l} \text{F} \\ b = \frac{10.9}{1.19} \end{array}$$