

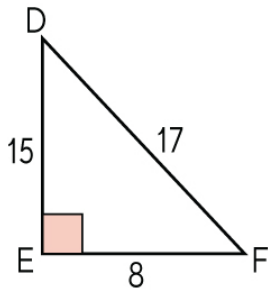
Name : .....

Date : ..... Score : .....

# Sine and Cosine Ratios

Find the sine and cosine values of each angle as a fraction and as a decimal rounded to the nearest thousandth

1



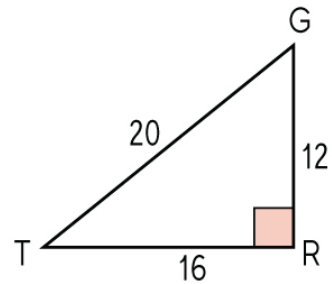
$$\sin D = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

$$\cos D = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

$$\sin F = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

$$\cos F = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

2



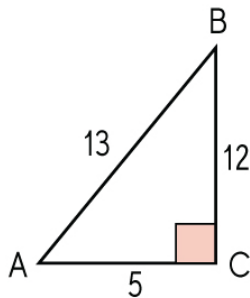
$$\sin T = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

$$\sin G = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

$$\cos T = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

$$\cos G = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

3

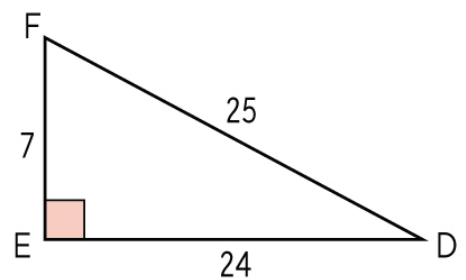


$$\sin A = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

$$\cos A = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

$$\cos B = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

4



$$\sin D = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

$$\cos F = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

$$\sin F = \frac{\quad}{\quad} = \underline{\hspace{2cm}}$$

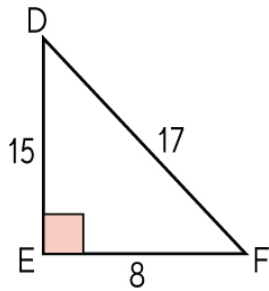
Name : .....

Date : ..... Score : .....

# Sine and Cosine Ratios

## Answers

1



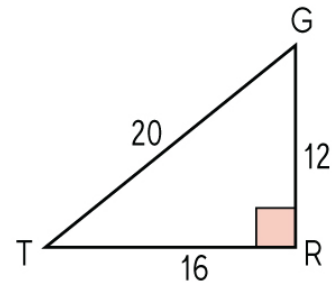
$$\sin D = \frac{8}{17} = 0.471$$

$$\cos D = \frac{15}{17} = 0.882$$

$$\sin F = \frac{15}{17} = 0.882$$

$$\cos F = \frac{8}{17} = 0.471$$

2



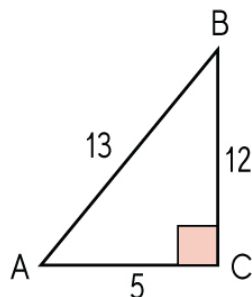
$$\sin T = \frac{12}{20} = 0.6$$

$$\sin G = \frac{16}{20} = 0.8$$

$$\cos T = \frac{16}{20} = 0.8$$

$$\cos G = \frac{12}{20} = 0.6$$

3

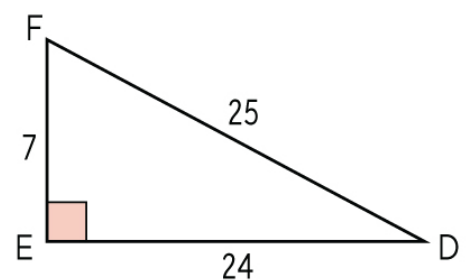


$$\sin A = \frac{12}{13} = 0.923$$

$$\cos A = \frac{5}{13} = 0.385$$

$$\cos B = \frac{12}{13} = 0.923$$

4



$$\sin D = \frac{7}{25} = 0.28$$

$$\cos F = \frac{7}{25} = 0.28$$

$$\sin F = \frac{24}{25} = 0.96$$