

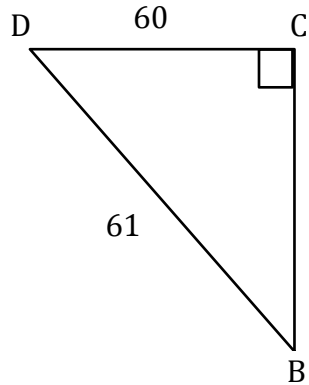
Trigonometry

Name: _____

Date: _____

Find all the six trigonometric ratios.

1) $\angle D$



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

$$\operatorname{cosec} D = \underline{\hspace{2cm}}$$

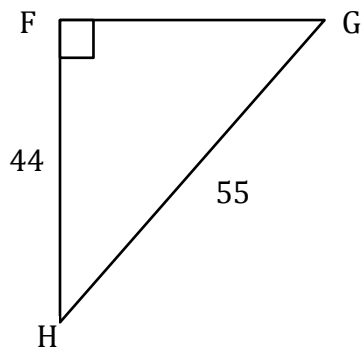
$$\cos D = \underline{\hspace{2cm}}$$

$$\sec D = \underline{\hspace{2cm}}$$

$$\tan D = \underline{\hspace{2cm}}$$

$$\cot D = \underline{\hspace{2cm}}$$

2) $\angle G$



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

$$\operatorname{cosec} G = \underline{\hspace{2cm}}$$

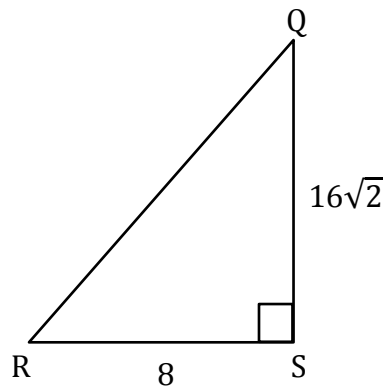
$$\cos G = \underline{\hspace{2cm}}$$

$$\sec G = \underline{\hspace{2cm}}$$

$$\tan G = \underline{\hspace{2cm}}$$

$$\cot G = \underline{\hspace{2cm}}$$

3) $\angle Q$



$$\sin Q = \underline{\hspace{2cm}}$$

$$\operatorname{cosec} Q = \underline{\hspace{2cm}}$$

$$\cos Q = \underline{\hspace{2cm}}$$

$$\sec Q = \underline{\hspace{2cm}}$$

$$\tan Q = \underline{\hspace{2cm}}$$

$$\cot Q = \underline{\hspace{2cm}}$$

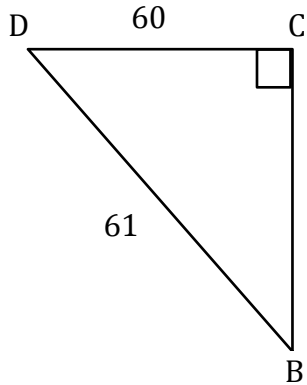
Trigonometry

Name: _____

Date: _____

Find all the six trigonometric ratios.

1) $\angle D$



$$\sin D = \frac{11}{61}$$

$$\operatorname{cosec} D = \frac{61}{11}$$

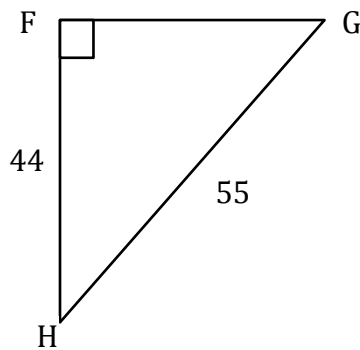
$$\cos D = \frac{60}{61}$$

$$\sec D = \frac{61}{60}$$

$$\tan D = \frac{11}{60}$$

$$\cot D = \frac{60}{11}$$

2) $\angle G$



$$\sin G = \frac{4}{5}$$

$$\operatorname{cosec} G = \frac{5}{4}$$

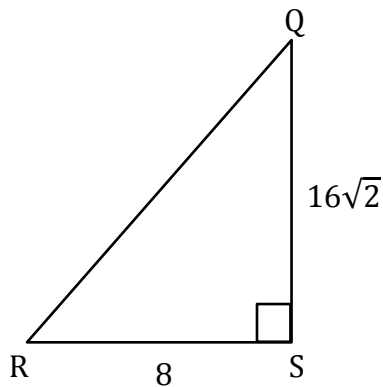
$$\cos G = \frac{3}{5}$$

$$\sec G = \frac{5}{3}$$

$$\tan G = \frac{4}{3}$$

$$\cot G = \frac{3}{4}$$

3) $\angle Q$



$$\sin Q = \frac{1}{3}$$

$$\operatorname{cosec} Q = 3$$

$$\cos Q = \frac{2\sqrt{2}}{3}$$

$$\sec Q = \frac{3}{2\sqrt{2}}$$

$$\tan Q = \frac{1}{2\sqrt{2}}$$

$$\cot Q = 2\sqrt{2}$$