



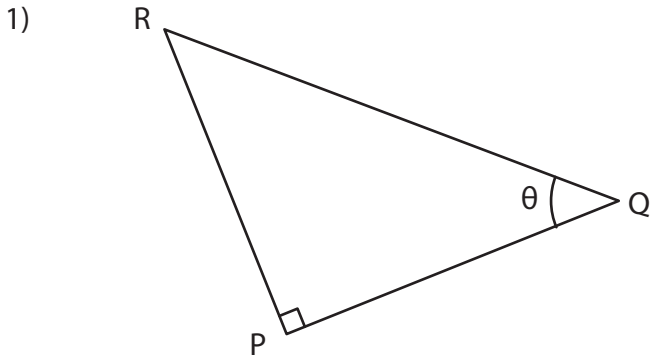
# Trigonometric Ratios

Name \_\_\_\_\_

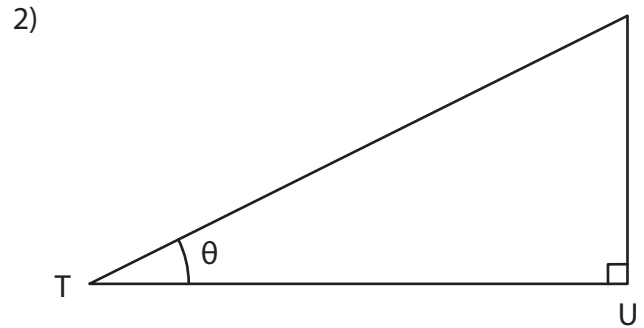
Score \_\_\_\_\_

QR:II:05

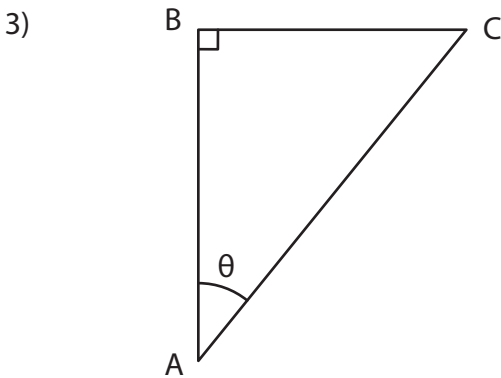
Find the trigonometric ratios using segments.



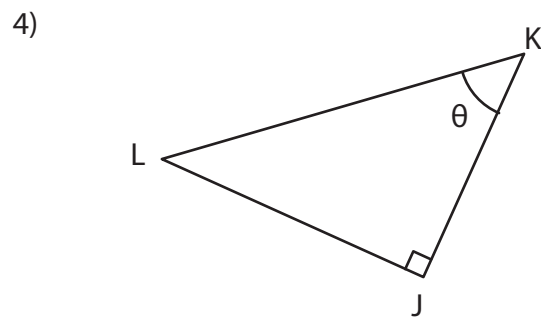
$$\sin \theta = \boxed{\phantom{000}}$$



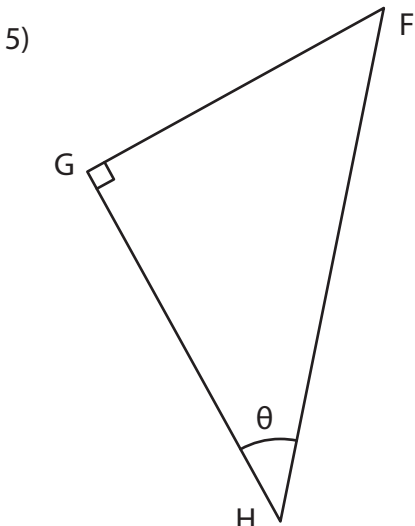
$$\tan \theta = \boxed{\phantom{000}}$$



$$\sec \theta = \boxed{\phantom{000}}$$



$$\cos \theta = \boxed{\phantom{000}}$$



$$\sin \theta = \boxed{\phantom{000}}$$

$$\operatorname{cosec} \theta = \boxed{\phantom{000}}$$

$$\cos \theta = \boxed{\phantom{000}}$$

$$\cos \theta = \boxed{\phantom{000}}$$

$$\tan \theta = \boxed{\phantom{000}}$$

$$\cot \theta = \boxed{\phantom{000}}$$



# Trigonometric Ratios

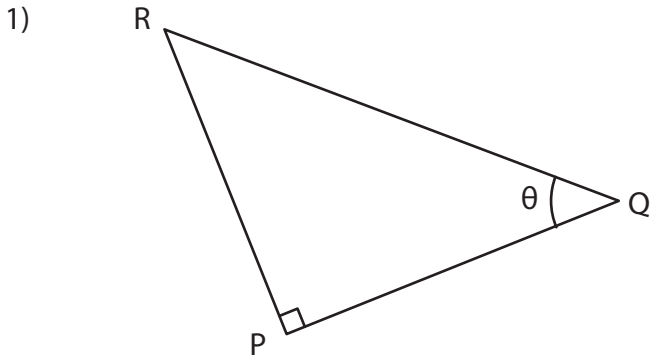
Name \_\_\_\_\_

Score \_\_\_\_\_

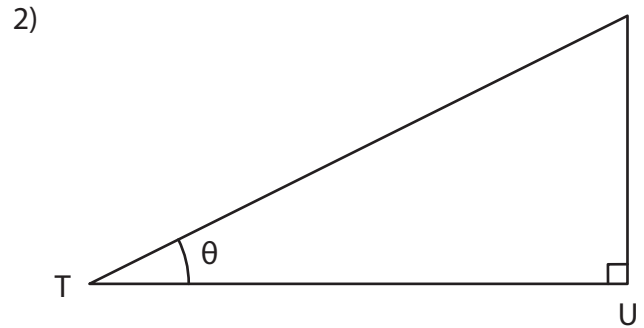
## Answer key

QR:II:05

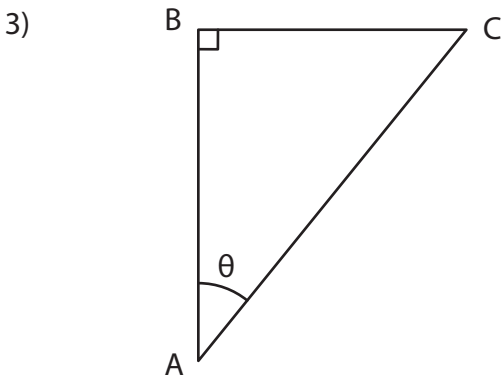
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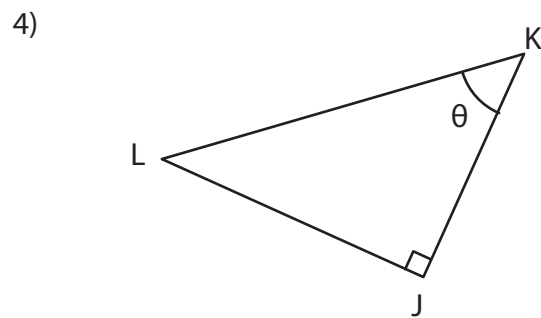
$$\sin \theta = \frac{PR}{RQ}$$



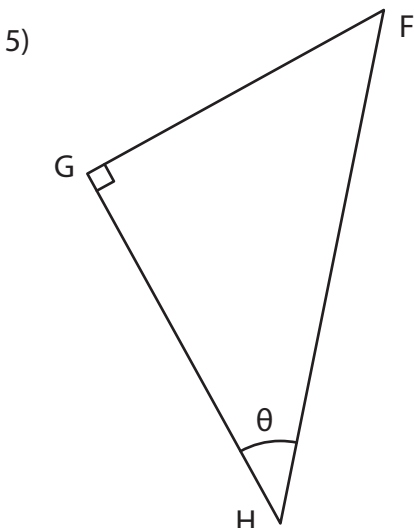
$$\tan \theta = \frac{SU}{TU}$$



$$\sec \theta = \frac{AC}{AB}$$



$$\cos \theta = \frac{JK}{KL}$$



$$\sin \theta = \frac{FG}{FH}$$

$$\operatorname{cosec} \theta = \frac{FH}{FG}$$

$$\cos \theta = \frac{GH}{FH}$$

$$\cos \theta = \frac{FH}{GH}$$

$$\tan \theta = \frac{FG}{GH}$$

$$\cot \theta = \frac{GH}{FG}$$