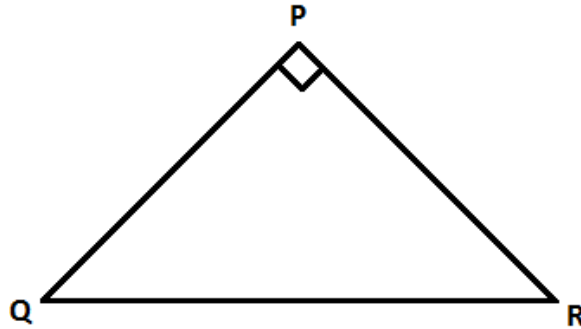


Student Name: _____

Score: _____

Trigonometric ratios of a triangle

Sheet 2



Find the trigonometry ratios for the following in terms of line segments:

$$\sin Q = \frac{PR}{QR}$$

$$\cos R =$$

$$\csc R =$$

$$\tan Q =$$

$$\sec R =$$

$$\cot Q =$$

$$\cot R =$$

$$\csc Q =$$

$$\sin R =$$

$$\sec Q =$$

$$\tan R =$$

$$\cos Q =$$

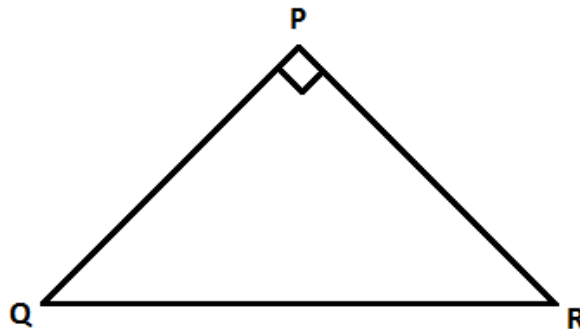
Student Name: _____

Score: _____

Answer key

Trigonometric ratios of a triangle

Sheet 2



$$\sin Q = \frac{PR}{QR}$$

$$\cos R = \frac{PR}{QR}$$

$$\csc R = \frac{QR}{PQ}$$

$$\tan Q = \frac{PR}{PQ}$$

$$\sec R = \frac{QR}{PR}$$

$$\cot Q = \frac{PQ}{PR}$$

$$\cot R = \frac{PR}{PQ}$$

$$\csc Q = \frac{QR}{PR}$$

$$\sin R = \frac{PQ}{QR}$$

$$\sec Q = \frac{QR}{PQ}$$

$$\tan R = \frac{PQ}{PR}$$

$$\cos Q = \frac{PQ}{QR}$$