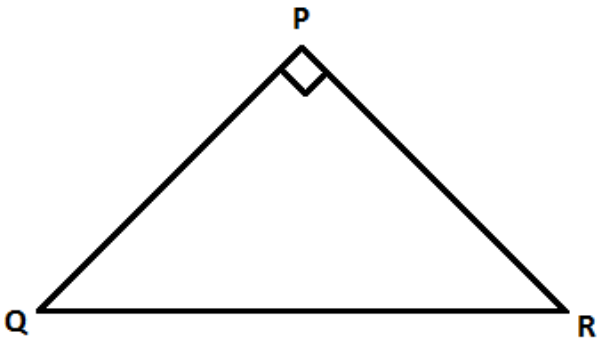
Student Name: _____ **Score:**

Trigonometric ratios of a triangle



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

sin Q = $\frac{PR}{QR}$ cos R = csc R =

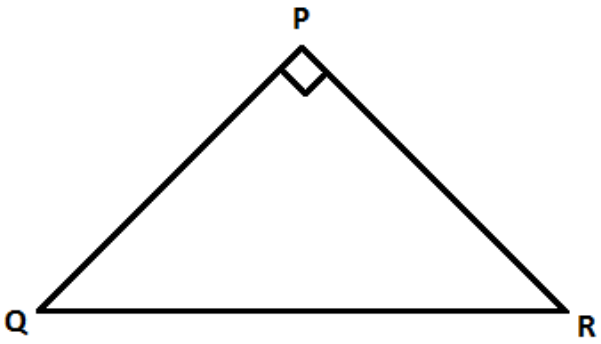
tan Q = sec R = cot Q =

cot R = csc Q = sin R =

sec Q = tan R = cos Q =

Student Name: _____ **Score:**

Answers:



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 = $\frac{PQ}{QR}$