Trigonometry Worksheets
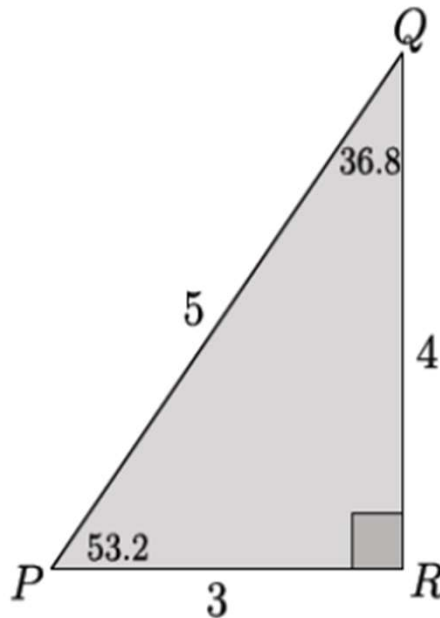
Trig Ratios

In $\triangle PQR$, $m\angle P$ = 53.2° and $m\angle Q$ = 36.8°. Complete the following table.
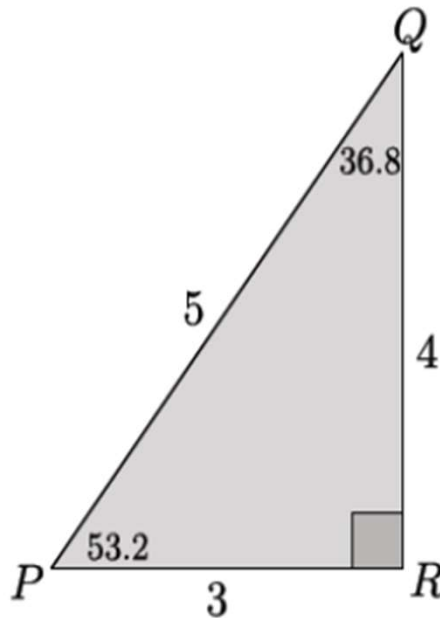

Measure of Angle	Sine $\left(\dfrac{\text{opp}}{\text{hyp}}\right)$	Cosine $\left(\dfrac{\text{adj}}{\text{hyp}}\right)$	Tangent $\left(\dfrac{\text{opp}}{\text{adj}}\right)$
53.2			
36.8			

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In $\triangle\ PQR$, $m\angle P$ = 53.2° and $m\angle Q$ = 36.8°. Complete the following table.

Measure of Angle	Sine $\left(\dfrac{\text{opp}}{\text{hyp}}\right)$	Cosine $\left(\dfrac{\text{adj}}{\text{hyp}}\right)$	Tangent $\left(\dfrac{\text{opp}}{\text{adj}}\right)$
53.2	$\sin 53.2 = \dfrac{4}{5}$	$\cos 53.2 = \dfrac{3}{5}$	$\tan 53.2 = \dfrac{4}{3}$
36.8	$\sin 36.8 = \dfrac{3}{5}$	$\cos 36.8 = \dfrac{4}{5}$	$\tan 36.8 = \dfrac{3}{4}$