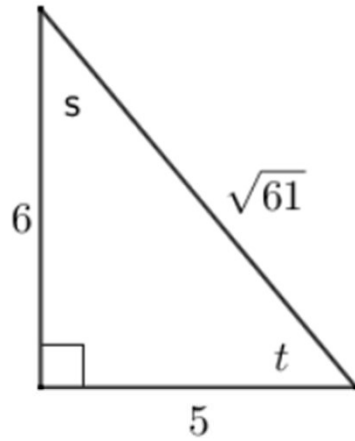


Trigonometry Worksheets

Trig Ratios

Given the diagram of the triangle, complete the following table.



Angle Measure	$\sin \theta$	$\cos \theta$	$\tan \theta$
s			
t			

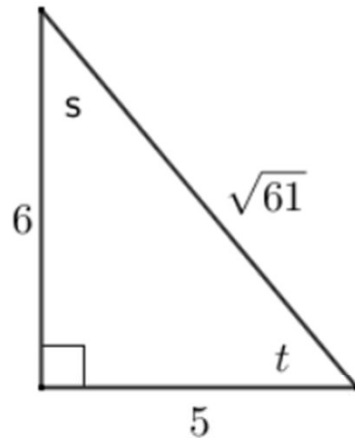
a. Which values are equal?

b. How are $\tan s$ and $\tan t$ related?

Trigonometry Worksheets

Trig Ratios

Given the diagram of the triangle, complete the following table.



Angle Measure	$\sin \theta$	$\cos \theta$	$\tan \theta$
s	$\frac{5}{\sqrt{61}} = \frac{5\sqrt{61}}{61}$	$\frac{6}{\sqrt{61}} = \frac{6\sqrt{61}}{61}$	$\frac{5}{6}$
t	$\frac{6}{\sqrt{61}} = \frac{6\sqrt{61}}{61}$	$\frac{5}{\sqrt{61}} = \frac{5\sqrt{61}}{61}$	$\frac{6}{5}$

a. Which values are equal?

$$\sin s = \cos t \text{ and } \cos s = \sin t$$

b. How are $\tan s$ and $\tan t$ related?

$$\text{They are reciprocals: } \frac{5}{6} \cdot \frac{6}{5} = 1.$$

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