



Math worksheet on 'Trigonometry - Ratio Manipulation (Level 2)'. Part of a broader unit on 'Trigonometry Foundations'

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<p><b>1</b> Solve the fraction for the '?' in terms of the variables.</p> $\tan = \frac{opp}{?}$	<b>a</b> $\frac{\tan}{opp}$	<b>b</b> $\tan \cdot opp$
	<b>c</b> $\frac{opp}{\tan}$	

<p><b>2</b> Solve the fraction for the '?' in terms of the variables.</p> $\sin = \frac{opp}{?}$	<b>a</b> $\frac{\sin}{opp}$	<b>b</b> $\frac{opp}{\sin}$
	<b>c</b> $\sin \cdot opp$	

<p><b>3</b> Solve the fraction for the '?' in terms of the variables.</p> $\sin = \frac{?}{hyp}$	<b>a</b> $\frac{hyp}{\sin}$	<b>b</b> $\frac{\sin}{hyp}$
	<b>c</b> $\sin \cdot hyp$	

<p><b>4</b> Solve the fraction for the '?' in terms of the variables.</p> $\tan = \frac{?}{adj}$	<b>a</b> $\frac{\tan}{adj}$	<b>b</b> $\frac{adj}{\tan}$
	<b>c</b> $\tan \cdot adj$	

<p><b>5</b> Solve the fraction for the '?' in terms of the variables.</p> $\cos = \frac{?}{hyp}$	<b>a</b> $\cos \cdot hyp$	<b>b</b> $\frac{hyp}{\cos}$
	<b>c</b> $\frac{\cos}{hyp}$	

<p><b>6</b> Solve the fraction for the '?' in terms of the variables.</p> $\cos = \frac{adj}{?}$	<b>a</b> $\frac{\cos}{adj}$	<b>b</b> $\cos \cdot adj$
	<b>c</b> $\frac{adj}{\cos}$	