



Math worksheet on 'Trigonometry - Trig Identities in Variable Ratios (Level 1)'. Part of a broader unit on 'Trigonometry Foundations'

Learn online: [app.mobius.academy/math/units/trigonometry\\_foundations/](http://app.mobius.academy/math/units/trigonometry_foundations/)

<b>1</b> Select the definition of this trigonometry ratio    Tangent	<b>a</b> $hyp \times opp$	<b>b</b> $\frac{adj}{opp}$
	<b>c</b> $\frac{hyp}{adj}$	<b>d</b> $\frac{opp}{opp}$
	<b>e</b> $opp \times opp$	<b>f</b> $\frac{opp}{adj}$

<b>2</b> Select the definition of this trigonometry ratio    Cosine	<b>a</b> $\frac{opp}{opp}$	<b>b</b> $opp \times adj$
	<b>c</b> $opp \times opp$	<b>d</b> $hyp \times opp$
	<b>e</b> $\frac{hyp}{hyp}$	<b>f</b> $\frac{adj}{hyp}$

<b>3</b> Select the definition of this trigonometry ratio    Sine	<b>a</b> $adj \times hyp$	<b>b</b> $\frac{hyp}{adj}$
	<b>c</b> $\frac{hyp}{hyp}$	<b>d</b> $\frac{opp}{hyp}$
	<b>e</b> $\frac{hyp}{opp}$	<b>f</b> $hyp \times adj$