



Math worksheet on 'Trigonometry - Side Lengths from Variables (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/)

1 Select the definition of this side in terms of Tangent  Adjacent	a $\frac{\text{tan}}{\text{opp}}$	b $\text{tan} \times \text{hyp}$
	c $\text{tan} \times \text{opp}$	d $\frac{\text{tan}}{\text{adj}}$
	e $\frac{\text{opp}}{\text{tan}}$	f $\frac{\text{hyp}}{\text{tan}}$

2 Select the definition of this side in terms of Sine  Opposite	a $\text{sin} \times \text{adj}$	b $\frac{\text{adj}}{\text{sin}}$
	c $\text{sin} \times \text{opp}$	d $\frac{\text{sin}}{\text{opp}}$
	e $\text{sin} \times \text{hyp}$	f $\frac{\text{hyp}}{\text{sin}}$

3 Select the definition of this side in terms of Sine  Hypotenuse	a $\frac{\text{opp}}{\text{sin}}$	b $\text{sin} \times \text{adj}$
	c $\frac{\text{sin}}{\text{adj}}$	d $\frac{\text{adj}}{\text{sin}}$
	e $\text{sin} \times \text{opp}$	f $\text{sin} \times \text{hyp}$