## Mobius Math Club

Name:					



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/

Select the definition of this side in terms of Tangent	$\frac{a}{opp}$	$oldsymbol{tan}  imes hyp$
Adjacent	$egin{array}{c} oldsymbol{c} tan  imes opp \end{array}$	$rac{tan}{adj}$
	$rac{opp}{tan}$	$\frac{hyp}{tan}$

<b>2</b> Select the definition of this side in terms of Sine	$egin{aligned} oldsymbol{sin}  imes adj \end{aligned}$	$\frac{adj}{sin}$
Opposite	$egin{aligned} \mathbf{c} \ sin  imes opp \end{aligned}$	$rac{sin}{opp}$
	sin  imes hyp	$rac{hyp}{sin}$

3 Select the definition of this side in terms of Sine	$egin{array}{c c} {f a} & opp \ sin  imes a \end{array}$		
Hypotenuse	$rac{sin}{adj}$	$rac{adj}{sin}$	
	$egin{aligned} \mathbf{s}in  imes opp \end{aligned}$	$egin{aligned} oldsymbol{sin}  imes hyp \end{aligned}$	