



Math worksheet on '*Trigonometry - Trig Identities with SOHCAHTOA (Level 1)*'. Part of a broader unit on '*Trigonometry Foundations*'

Learn online: app.mobius.academy/math/units/trigonometry_foundations/

1 Using the mnemonic SOHCAHTOA, select the definition of this trigonometry ratio

Cosine

a $\frac{adj}{hyp}$

b

$adj \times opp$

C $hyp \times hyp$

$$\frac{hyp}{opp}$$

$$\frac{opp}{adj}$$

f $hyp \times opp$

2 Using the mnemonic SOHCAHTOA, select the definition of this trigonometry ratio

a
 $adj \times opp$

b $\frac{opp}{adj}$

c $\frac{hyp}{opp}$

d $\frac{adj}{opp}$

e $opp \times hyp$

$$\mathbf{f} \frac{hyp}{hyp}$$

Tangent

3 Using the mnemonic SOHCAHTOA, select the definition of this trigonometry ratio

Sine

a

$opp \times opp$

b

$hyp \times adj$

c

$hyp \times opp$

$$\frac{opp}{hyp}$$

e $\frac{adj}{opp}$

f $opp \times hyp$