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Math worksheet on *'Trigonometry - Side Lengths from Variables and Identity (Level 1)'*. Part of a broader unit on *'Trigonometry Foundations'*

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1 Select the definition of this side in terms of Tangent

$$What\ is\ adj?$$
$$tan = \frac{opp}{adj}$$

a $\frac{tan}{opp}$	**b** $tan \times opp$
c $tan \times hyp$	**d** $\frac{hyp}{tan}$
e $\frac{opp}{tan}$	**f** $\frac{tan}{adj}$

2 Select the definition of this side in terms of Cosine

$$What\ is\ hyp?$$
$$cos = \frac{adj}{hyp}$$

a $\frac{adj}{cos}$	**b** $\frac{cos}{hyp}$
c $\frac{cos}{opp}$	**d** $cos \times adj$
e $\frac{opp}{cos}$	**f** $cos \times opp$

3 Select the definition of this side in terms of Tangent

$$What\ is\ opp?$$
$$tan = \frac{opp}{adj}$$

a $\frac{hyp}{tan}$	**b** $\frac{tan}{adj}$
c $\frac{adj}{tan}$	**d** $tan \times opp$
e $tan \times hyp$	**f** $tan \times adj$

4 Select the definition of this side in terms of Cosine

$$What\ is\ adj?$$
$$cos = \frac{adj}{hyp}$$

a $\frac{opp}{cos}$	**b** $\frac{hyp}{cos}$
c $\frac{cos}{opp}$	**d** $cos \times hyp$
e $cos \times opp$	**f** $\frac{cos}{adj}$

5 Select the definition of this side in terms of Sine

$$What\ is\ hyp?$$
$$sin = \frac{opp}{hyp}$$

a $sin \times opp$	**b** $sin \times adj$
c $\frac{sin}{hyp}$	**d** $\frac{opp}{sin}$
e $\frac{sin}{opp}$	**f** $\frac{sin}{adj}$

6 Select the definition of this side in terms of Sine

$$What\ is\ opp?$$
$$sin = \frac{opp}{hyp}$$

a $\frac{sin}{hyp}$	**b** $\frac{adj}{sin}$
c $\frac{hyp}{sin}$	**d** $sin \times hyp$
e $\frac{sin}{adj}$	**f** $sin \times adj$