Trigonometry - Side Lengths from Variables and Identity

1 Select the definition of this side in terms of Cosine

$$What\ is\ hyp?$$

$$cos = \frac{adj}{hyp}$$

A	B
$cos \times opp$	$cos \times adj$

C	D
$\dfrac{adj}{cos}$	$\dfrac{cos}{opp}$

E	F
$\dfrac{cos}{hyp}$	$\dfrac{opp}{cos}$

2 Select the definition of this side in terms of Cosine

$$What\ is\ adj?$$

$$cos = \frac{adj}{hyp}$$

A	B
$\dfrac{cos}{adj}$	$\dfrac{opp}{cos}$

C	D
$cos \times hyp$	$\dfrac{cos}{opp}$

E	F
$cos \times opp$	$\dfrac{hyp}{cos}$

3 Select the definition of this side in terms of Tangent

$$What\ is\ adj?$$

$$tan = \frac{opp}{adj}$$

A	B
$\dfrac{hyp}{tan}$	$\dfrac{opp}{tan}$

C	D
$\dfrac{tan}{adj}$	$tan \times opp$

E	F
$\dfrac{tan}{opp}$	$tan \times hyp$

4 Select the definition of this side in terms of Sine

$$What\ is\ opp?$$

$$sin = \frac{opp}{hyp}$$

A	B
$\dfrac{adj}{sin}$	$\dfrac{sin}{hyp}$

C	D
$sin \times hyp$	$sin \times adj$

E	F
$\dfrac{hyp}{sin}$	$\dfrac{sin}{adj}$

5 Select the definition of this side in terms of Sine

$$What\ is\ hyp?$$

$$sin = \frac{opp}{hyp}$$

A	B
$sin \times adj$	$\dfrac{sin}{opp}$

C	D
$\dfrac{opp}{sin}$	$sin \times opp$

E	F
$\dfrac{sin}{hyp}$	$\dfrac{sin}{adj}$

6 Select the definition of this side in terms of Tangent

$$What\ is\ opp?$$

$$tan = \frac{opp}{adj}$$

A	B
$\dfrac{hyp}{tan}$	$\dfrac{tan}{adj}$

C	D
$tan \times adj$	$\dfrac{adj}{tan}$

E	F
$tan \times opp$	$tan \times hyp$