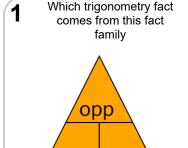


mobius

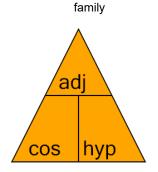
Fact Family - Sin/Cos/Tan - Triangle to **Fact**





hyp

Which trigonometry fact

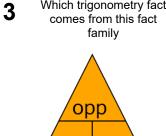


Which trigonometry fact

Which trigonometry fact

comes from this fact

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

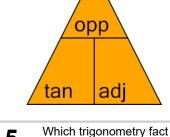


sin

$$\begin{array}{ccc} \mathsf{A} & & \mathsf{B} \\ \mathsf{adj} \cdot \mathsf{tan} = \mathsf{opp} \, \mathsf{adj} \cdot \mathsf{opp} = \mathsf{tan} \end{array}$$



$$\mathsf{adj} = rac{\mathsf{tan}}{\mathsf{opp}} \mathsf{opp} = rac{\mathsf{adj}}{\mathsf{tan}} \mathsf{adj} = rac{\mathsf{opp}}{\mathsf{tan}}$$



5

7

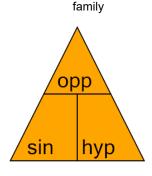


Which trigonometry fact

comes from this fact

family

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



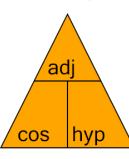
Which trigonometry fact

comes from this fact

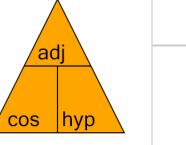
comes from this fact

$$\mathsf{hyp} \cdot \mathsf{opp} = \mathsf{sin} \, \mathsf{opp} \cdot \mathsf{sin} = \mathsf{hyp}$$

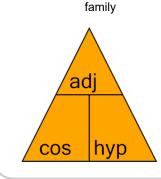
 $hyp \cdot sin = opp$



Which trigonometry fact comes from this fact family



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



$$\mathsf{adj} \cdot \mathsf{hyp} = \mathsf{cos} \, \mathsf{cos} \cdot \mathsf{hyp} = \mathsf{adj}$$
 C $\mathsf{cos} \cdot \mathsf{adj} = \mathsf{hyp}$