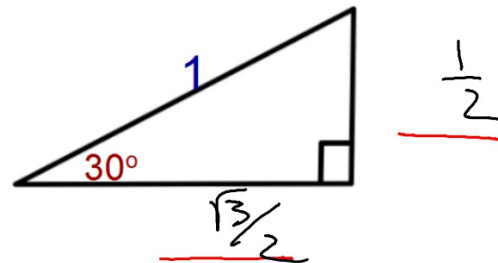
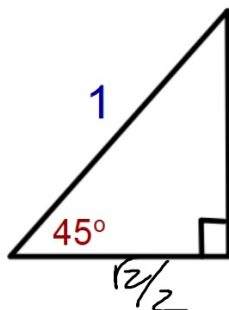


SOHCAHTOA



Find the exact value of each:

$$\begin{aligned} 1. \sin 30^\circ &= \frac{\frac{1}{2}}{1} = \frac{1}{2} & 2. \cos 30^\circ &= \frac{\frac{\sqrt{3}}{2}}{1} = \frac{\sqrt{3}}{2} \\ 3. \sin 60^\circ &= \frac{\frac{\sqrt{3}}{2}}{1} = \frac{\sqrt{3}}{2} & 4. \cos 60^\circ &= \frac{\frac{1}{2}}{1} = \frac{1}{2} \end{aligned}$$



SOHCAHTOA

$$\frac{1}{\frac{\sqrt{2}}{2}} \cdot \frac{\sqrt{2}}{\frac{\sqrt{2}}{2}} = \frac{\sqrt{2}}{2}$$

Find the exact value of each:

$$\begin{aligned} 1. \sin 45^\circ &= \frac{\frac{\sqrt{2}}{2}}{1} = \frac{\sqrt{2}}{2} & 2. \cos 45^\circ &= \frac{\frac{\sqrt{2}}{2}}{1} = \frac{\sqrt{2}}{2} \\ 3. \tan 45^\circ &= \frac{\frac{\sqrt{2}}{2}}{\frac{\sqrt{2}}{2}} = 1 \end{aligned}$$