

Simplify

Express each as a single trigonometric function.

1) $\sqrt{\frac{1 - \cos 78^\circ}{2}}$

2) $\sqrt{\frac{1 + \cos 34^\circ}{2}}$

3) $\frac{2 \tan 46^\circ}{1 - \tan^2 46^\circ}$

5) $2 \cos^2 5\theta - 1$

PREVIEW

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sin 390**7°****PREVIEW**

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www.mathworksheets4kids.com**tan 92°** **$\frac{\pi}{5}$** **cos $\frac{17\pi}{30}$** **cos 100****sin $\frac{17\pi}{15}$**