

Express each as a single trigonometric function.

1) $\frac{\tan 54^\circ - \tan 5^\circ}{1 + \tan 54^\circ \tan 5^\circ}$

2) $\cos 92^\circ \cos 41^\circ + \sin 92^\circ \sin 41^\circ$

3) $\sin 5\theta \cos 7\theta$

5) $\cos \frac{31\pi}{90} \cos \frac{1}{2}$

$\sin 2\theta$
 $2\theta - 1$

$\frac{17\pi}{20} + \cos \frac{5\pi}{12} \sin \frac{17\pi}{20}$

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