

Pre-Calculus Day 31

Formative Ticket

Sum & Difference Identities of the Cosine Function

Find the exact value of each trigonometric expression.

$$\cos\left(\frac{\pi}{12}\right)$$

$$\cos\left(-\frac{5\pi}{12}\right)$$

$$\cos 195^\circ$$

$$\cos 75^\circ$$

Write each expression as a single trigonometric function.

$$\sin(2x)\sin(3x) + \cos(2x)\cos(3x)$$

$$\sin x \sin(2x) - \cos x \cos(2x)$$