

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

$$\tan\left(\frac{17\pi}{12}\right)$$

$$\sin(195^\circ)$$

$$\sin 20^\circ \cos 80^\circ - \cos 20^\circ \sin 80^\circ =$$

$$\frac{\tan 40^\circ - \tan 10^\circ}{1 + \tan 40^\circ \tan 10^\circ} =$$

$$\sin \alpha = \frac{3}{5} \quad 0 < \alpha < \frac{\pi}{2} \quad \text{and} \quad \cos \beta = \frac{2\sqrt{5}}{5} \quad -\frac{\pi}{2} < \beta < 0$$

$$f(x) = \sin x \quad g(x) = \cos x \quad h(x) = \tan x$$

$$f(\alpha + \beta) =$$

$$h(\alpha - \beta) =$$

$$\sin\left(\frac{3\pi}{2} + \theta\right) = -\cos \theta$$

$$\sec(\alpha + \beta) = \frac{\csc \alpha \csc \beta}{\cot \alpha \cot \beta - 1}$$

$$\sin\left(\sin^{-1} \frac{1}{2} + \cos^{-1} 0\right)$$

$$\cos\left(\tan^{-1} \frac{4}{3} + \cos^{-1} \frac{12}{13}\right) =$$

$$\tan(\sin^{-1} a - \cos^{-1} b)$$

$$\sin \theta - \sqrt{3} \cos \theta = 1$$