

1.  $\sin 210^\circ + \tan \frac{\pi}{4} - \cos(-180^\circ)$

2.  $\left(\sin\left(\frac{5\pi}{4}\right)\right)(\sec(45^\circ) - \tan(-\pi)) + \csc 690^\circ$

3.  $\csc \frac{2\pi}{3} \div \cos \frac{2\pi}{3}$

4.  $\cos\left(-\frac{13\pi}{6}\right) + \left(\cos \frac{17\pi}{4}\right)(\cos(-240^\circ))$

5.  $\cot 135^\circ + (\csc 405^\circ)(\sin 120^\circ) - \sin \frac{3\pi}{2} - \sin \frac{4\pi}{3} \cdot \cos 315^\circ$

6.  $\tan(-150^\circ) + \csc(210^\circ)\cot(-210^\circ)$

7.  $\cot 315^\circ \cdot \sec \frac{7\pi}{4} + \csc 330^\circ \cdot \sin \frac{3\pi}{4} - \cos \frac{5\pi}{4} \cdot \sec 0$

8.  $\cos(-150^\circ)(\sin 45^\circ)(\cos 3\pi) - \left(\csc \frac{5\pi}{6}\right)\left(\sin \frac{13\pi}{4}\right)\left(\sin\left(-\frac{2\pi}{3}\right)\right)$

Answers: 1.  $\frac{3}{2}$  2.  $-3$  3.  $-\frac{4\sqrt{3}}{3}$  4.  $\frac{2\sqrt{3}-\sqrt{2}}{4}$  5.  $\frac{3\sqrt{6}}{4}$  6.  $\frac{7\sqrt{3}}{3}$  7.  $\frac{-3\sqrt{2}}{2}$  8.  $\frac{-\sqrt{6}}{4}$