

$$Ans10 = \left[.1 = \left(\arcsin\left(-\frac{\sqrt{2}}{2}\right) = -\frac{\pi}{4} \right) \quad .2 = \left(\tan\left(\arcsin\left(\frac{1}{2}\right)\right) = \frac{\sqrt{3}}{3} \right) \quad .3 = \left(\arcsin\left(\sin\left(\frac{17\pi}{6}\right)\right) = \frac{\pi}{6} \right) \right]$$

$$Ans10 = \left[.1 = \left(\arctan\left(\tan\left(\frac{17\pi}{6}\right)\right) = -\frac{\pi}{6} \right) \quad .2 = \left(\cos\left(\arcsin\left(-\frac{\sqrt{2}}{2}\right)\right) = \frac{\sqrt{2}}{2} \right) \quad .3 = (\arccos(\sqrt{2}) = \text{undefined}) \right]$$

$$Ans10 = \left[.1 = \left(\cos \left(\arcsin \left(\frac{1}{2} \right) \right) = \frac{\sqrt{3}}{2} \right) \quad .2 = \left(\arcsin \left(\sin \left(-\frac{7\pi}{6} \right) \right) = \frac{\pi}{6} \right) \quad .3 = \left(\arcsin \left(\frac{-1}{2} \right) = -\frac{\pi}{6} \right) \right]$$

$$Ans10 = \left[.1 = \left(\arcsin\left(\frac{1}{2}\right) = \frac{\pi}{6} \right) \quad .2 = \left(\arccos\left(\cos\left(\frac{7\pi}{3}\right)\right) = \frac{\pi}{3} \right) \quad .3 = \left(\tan\left(\arccos\left(\frac{\sqrt{3}}{2}\right)\right) = \frac{\sqrt{3}}{3} \right) \right]$$

$$Ans10 = \left[.1 = \left(\arcsin(-1) = -\frac{\pi}{2} \right) \quad .2 = \left(\tan\left(\arcsin\left(\frac{\sqrt{3}}{2}\right)\right) = \sqrt{3} \right) \quad .3 = \left(\arccos\left(\cos\left(\frac{10\pi}{3}\right)\right) = \frac{2\pi}{3} \right) \right]$$

$$Ans10 = \left[.1 = \left(\tan \left(\arcsin \left(-\frac{\sqrt{2}}{2} \right) \right) = -1 \right) \quad .2 = \left(\arctan \left(\tan \left(\frac{11\pi}{6} \right) \right) = -\frac{\pi}{6} \right) \quad .3 = \left(\arctan(1) = \frac{\pi}{4} \right) \right]$$

$$Ans10 = \left[.1 = \left(\sin(\arctan(-1)) = -\frac{\sqrt{2}}{2} \right) \quad .2 = \left(\arctan(1) = \frac{\pi}{4} \right) \quad .3 = \left(\arccos\left(\cos\left(\frac{4\pi}{3}\right)\right) = \frac{2\pi}{3} \right) \right]$$

$$Ans10 = \left[.1 = (\arcsin(0) = 0) \quad .2 = \left(\arcsin\left(\sin\left(\frac{17\pi}{6}\right)\right) = \frac{\pi}{6} \right) \quad .3 = \left(\tan\left(\arcsin\left(\frac{\sqrt{3}}{2}\right)\right) = \sqrt{3} \right) \right]$$

$$Ans10 = \left[.1 = \left(\sin \left(\arctan \left(\frac{\sqrt{3}}{3} \right) \right) = \frac{1}{2} \right) \quad .2 = \left(\arcsin \left(\sin \left(\frac{11\pi}{6} \right) \right) = -\frac{\pi}{6} \right) \quad .3 = \left(\arctan(-1) = -\frac{\pi}{4} \right) \right]$$

$$Ans10 = \left[.1 = \left(\arccos \left(\cos \left(-\frac{5\pi}{6} \right) \right) = \frac{5\pi}{6} \right) \quad .2 = (\arccos(1) = 0) \quad .3 = \left(\tan \left(\arccos \left(-\frac{\sqrt{3}}{2} \right) \right) = -\frac{\sqrt{3}}{3} \right) \right]$$

$$Ans10 = \left[.1 = \left(\sin \left(\arccos \left(-\frac{\sqrt{3}}{2} \right) \right) = \frac{1}{2} \right) \quad .2 = \left(\arccos \left(\cos \left(-\frac{2\pi}{3} \right) \right) = \frac{2\pi}{3} \right) \quad .3 = (\arccos(1) = 0) \right]$$

$$Ans10 = \left[.1 = \left(\arctan \left(\tan \left(\frac{17\pi}{6} \right) \right) = -\frac{\pi}{6} \right) \quad .2 = \left(\cos \left(\arcsin \left(\frac{-1}{2} \right) \right) = \frac{\sqrt{3}}{2} \right) \quad .3 = \left(\arctan \left(\frac{\sqrt{3}}{3} \right) = \frac{\pi}{6} \right) \right]$$

$$Ans10 = \left[.1 = \left(\cos \left(\arcsin \left(\frac{\sqrt{2}}{2} \right) \right) = \frac{\sqrt{2}}{2} \right) \quad .2 = \left(\arcsin \left(\sin \left(\frac{7\pi}{6} \right) \right) = -\frac{\pi}{6} \right) \quad .3 = \left(\arccos \left(-\frac{\sqrt{3}}{2} \right) = \frac{5\pi}{6} \right) \right]$$

$$Ans10 = \left[.1 = \left(\arctan(-\sqrt{3}) = -\frac{\pi}{3} \right) \quad .2 = \left(\tan\left(\arcsin\left(\frac{\sqrt{2}}{2}\right)\right) = 1 \right) \quad .3 = \left(\arccos\left(\cos\left(-\frac{3\pi}{4}\right)\right) = \frac{3\pi}{4} \right) \right]$$

$$Ans10 = \left[.1 = \left(\arcsin \left(\sin \left(-\frac{7\pi}{6} \right) \right) = \frac{\pi}{6} \right) \quad .2 = \left(\arctan \left(\frac{\sqrt{3}}{3} \right) = \frac{\pi}{6} \right) \quad .3 = \left(\tan \left(\arccos \left(-\frac{\sqrt{3}}{2} \right) \right) = -\frac{\sqrt{3}}{3} \right) \right]$$

$$Ans10 = \left[.1 = \left(\arccos \left(\cos \left(-\frac{2\pi}{3} \right) \right) = \frac{2\pi}{3} \right) \quad .2 = \left(\arcsin \left(\frac{\sqrt{3}}{2} \right) = \frac{\pi}{3} \right) \quad .3 = \left(\tan \left(\arccos \left(-\frac{\sqrt{3}}{2} \right) \right) = -\frac{\sqrt{3}}{3} \right) \right]$$

$$Ans10 = \left[.1 = \left(\arccos\left(-\frac{\sqrt{3}}{2}\right) = \frac{5\pi}{6} \right) \quad .2 = \left(\sin(\arctan(-\sqrt{3})) = -\frac{\sqrt{3}}{2} \right) \quad .3 = \left(\arccos\left(\cos\left(-\frac{\pi}{6}\right)\right) = \frac{\pi}{6} \right) \right]$$

$$Ans10 = \left[.1 = (\arccos(-1)) = \pi \quad .2 = \left(\tan\left(\arcsin\left(\frac{\sqrt{2}}{2}\right)\right) = 1 \right) \quad .3 = \left(\arcsin\left(\sin\left(\frac{5\pi}{6}\right)\right) = \frac{\pi}{6} \right) \right]$$

$$Ans10 = \left[.1 = \left(\tan \left(\arcsin \left(\frac{1}{2} \right) \right) = \frac{\sqrt{3}}{3} \right) \quad .2 = \left(\arcsin(1) = \frac{\pi}{2} \right) \quad .3 = \left(\arcsin \left(\sin \left(\frac{17\pi}{6} \right) \right) = \frac{\pi}{6} \right) \right]$$

$$Ans10 = \left[.1 = \left(\tan \left(\arcsin \left(\frac{\sqrt{2}}{2} \right) \right) = 1 \right) \quad .2 = \left(\arccos \left(\frac{\sqrt{2}}{2} \right) = \frac{\pi}{4} \right) \quad .3 = \left(\arctan \left(\tan \left(-\frac{17\pi}{6} \right) \right) = \frac{\pi}{6} \right) \right]$$

[illegible]