

# Inverse Trig Values

Find the exact value

$$1. \sin^{-1}\left(\frac{1}{2}\right) =$$

$$4. \sin^{-1}\left(\frac{-1}{2}\right) =$$

$$7. \sin^{-1}(0) =$$

$$2. \sin^{-1}\left(\frac{\sqrt{2}}{2}\right) =$$

$$5. \sin^{-1}\left(\frac{-\sqrt{2}}{2}\right) =$$

$$8. \sin^{-1}(1) =$$

$$3. \sin^{-1}\left(\frac{\sqrt{3}}{2}\right) =$$

$$6. \sin^{-1}\left(\frac{-\sqrt{3}}{2}\right) =$$

$$9. \sin^{-1}(1) =$$

Find the exact value

$$1. \cos^{-1}\left(\frac{1}{2}\right) =$$

$$4. \cos^{-1}\left(\frac{-1}{2}\right) =$$

$$7. \cos^{-1}(0) =$$

$$2. \cos^{-1}\left(\frac{\sqrt{2}}{2}\right) =$$

$$5. \cos^{-1}\left(\frac{-\sqrt{2}}{2}\right) =$$

$$8. \cos^{-1}(1) =$$

$$3. \cos^{-1}\left(\frac{\sqrt{3}}{2}\right) =$$

$$6. \cos^{-1}\left(\frac{-\sqrt{3}}{2}\right) =$$

$$9. \cos^{-1}(1) =$$

Find the exact value (Find the angle)

1.  $\tan^{-1}\left(\frac{1}{\sqrt{3}}\right) =$

7.  $\tan^{-1}\left(\frac{\sqrt{3}}{3}\right) =$

2.  $\tan^{-1}(1) =$

8.  $\tan^{-1}\left(\frac{-\sqrt{3}}{3}\right) =$

3.  $\tan^{-1}(\sqrt{3}) =$

4.  $\tan^{-1}\left(\frac{-1}{\sqrt{3}}\right) =$

9.  $\tan^{-1}(0) =$

5.  $\tan^{-1}(-1) =$

6.  $\tan^{-1}(-\sqrt{3}) =$