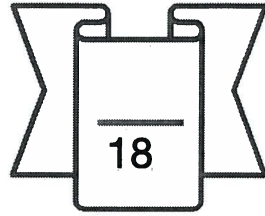


Evaluating Trig Functions



Name: _____

Date: _____ Block: _____

Evaluate the following:

1. $\sin\left(\frac{\pi}{6}\right) = \frac{1}{2}$

7. $\cos\left(\frac{\pi}{6}\right) = \frac{\sqrt{3}}{2}$

13. $\tan\left(\frac{7\pi}{6}\right) = +\frac{\sqrt{3}}{3}$

2. $\sin\left(\frac{4\pi}{3}\right) = -\frac{\sqrt{3}}{2}$

8. $\cos\left(\frac{5\pi}{6}\right) = -\frac{\sqrt{3}}{2}$

14. $\tan\left(\frac{11\pi}{6}\right) = -\frac{\sqrt{3}}{3}$

3. $\sin\left(\frac{\pi}{2}\right) = 1$

9. $\cos\left(\frac{5\pi}{3}\right) = \frac{1}{2}$

15. $\tan\left(\frac{3\pi}{2}\right) = \text{undef.}$

4. $\sin\left(\frac{\pi}{4}\right) = \frac{\sqrt{2}}{2}$

10. $\cos\left(\frac{3\pi}{2}\right) = 0$

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

5. $\sin\left(\frac{5\pi}{4}\right) = -\frac{\sqrt{2}}{2}$

11. $\cos(\pi) = -1$

17. $\tan\left(\frac{\pi}{6}\right) = \frac{\sqrt{3}}{3}$

6. $\sin\left(\frac{7\pi}{6}\right) = -\frac{1}{2}$

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

18. $\tan(0) = 0$