

Trigonometry Worksheet 3 - Answers

1. Find the values for \sin , \cos , and \tan of $\frac{\pi}{3}$.
2. Find the values for \sin , \cos , and \tan of $\frac{\pi}{4}$.
3. Find the values for \sin , \cos , and \tan of $\frac{\pi}{6}$.
4. Find $\sin\left(\frac{7\pi}{6}\right)$.
5. Find $\cos\left(\frac{5\pi}{6}\right)$.
6. Find $\cos\left(\frac{2\pi}{3}\right)$.
7. Find $\sin\left(\frac{5\pi}{4}\right)$.
8. Find $\tan\left(\frac{23\pi}{6}\right)$.
9. Given $\triangle ABC$ right angled at B and $\angle ACB = \frac{\pi}{3}$. If $AC = 10$ find AB .
10. Given $\triangle ABC$ right angled at B and $\angle ACB = \frac{\pi}{4}$. If $BC = 3$ find AC .