Trigonometry Worksheet 3 - Answers

1. Find the values for sin, cos, and tan of
$$\frac{\pi}{3}$$
.

6. Find
$$\cos\left(\frac{2\pi}{3}\right)$$
.

2. Find the values for sin, cos, and tan of
$$\frac{\pi}{4}$$
.

7. Find
$$\sin\left(\frac{5\pi}{4}\right)$$
.

8. Find
$$\tan\left(\frac{23\pi}{6}\right)$$
.

3. Find the values for sin, cos, and tan of
$$\frac{\pi}{6}$$
.

9. Given
$$\triangle ABC$$
 right angled at B and $\angle ACB = \frac{\pi}{3}$. If $AC = 10$ find AB .

4. Find
$$\sin\left(\frac{7\pi}{6}\right)$$
.

10. Given
$$\triangle ABC$$
 right angled at B and $\angle ACB = \frac{\pi}{4}$. If $BC = 3$ find AC .

5. Find $\cos\left(\frac{5\pi}{6}\right)$.

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