

Name: _____

Date: _____

Solving Trigonometric Equations

Solve the following equations for $0^\circ \leq x \leq 360^\circ$.

Give answers to 1 decimal place.

1)

$$\sin x = 1$$

2)

$$7 \cos x = 3$$

3)

$$\tan x = 1$$

4)

$$\cos 3x = -0.3321$$

5)

$$\sin x = -0.9$$

6)

$$\tan x = -1$$

7)

$$\cos x = 1$$

8)

$$8 + 3 \sin x = 10$$

9)

$$\sin x = 0.6$$

10)

$$\sin 2x = 0.2886$$
