



## Check Up

1. Use a calculator to determine the value of  $x$  in each of the following. Express any angle to the nearest degree, and any ratio to the nearest hundredth.

a.  $\sin 23^\circ = x$

b.  $\cos 59^\circ = x$

c.  $\sin x = 0.54$

d.  $\cos x = 0.13$



Compare your answers.

1. Use a calculator to determine the value of  $x$  in each of the following. Express any angle to the nearest degree, and any ratio to the nearest hundredth.

a.  $\sin 23^\circ = x$

$$x = 0.390\dots$$

$$x \doteq 0.39$$

b.  $\cos 59^\circ = x$

$$x = 0.515\dots$$

$$x \doteq 0.52$$

c.  $\sin x = 0.54$

$$x = 32.683\dots^\circ$$

$$x \doteq 33^\circ$$

d.  $\cos x = 0.13$

$$x = 82.530\dots^\circ$$

$$x \doteq 83^\circ$$