

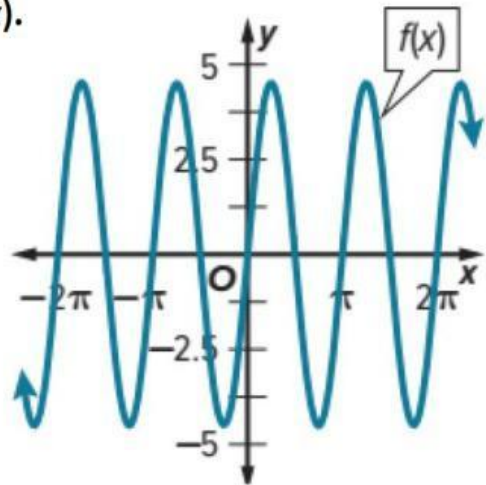


1. Identify the amplitude, midline, and period of $f(x)$.

The amplitude is

The midline is at $y =$

The period is

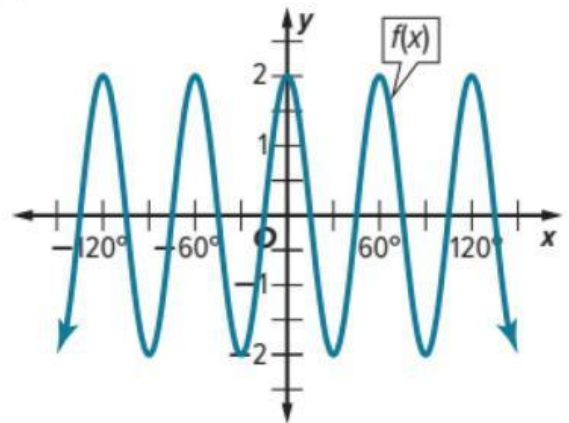


2. Identify the amplitude, midline, and period of $f(x)$.

The amplitude is

The midline is at $y =$

The period is

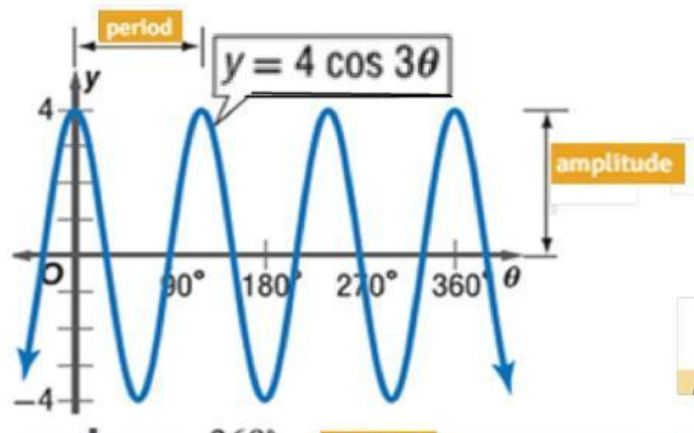


3. Identify the amplitude, midline, and period of $f(x)$.

The amplitude is

The midline is at $y =$

The period is



$$\frac{360^\circ}{|b|} = \text{period}$$

Lesson 9-4

Graphing Sine and Cosine Functions

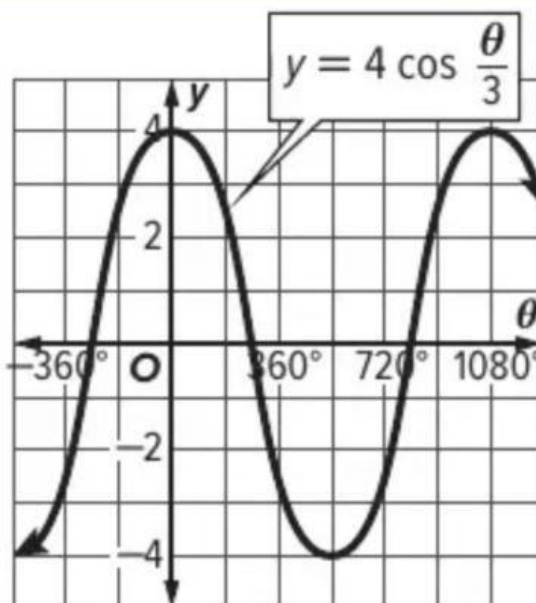


4. Identify the amplitude, midline, and period of $f(x)$.

The amplitude is

The midline is at $y =$

The period is



5. Identify the amplitude and period of

a. $y = \cos \frac{1}{2}\theta$

amplitude

period

b. $y = 3 \sin 5\theta$

amplitude

period

c. $f(x) = 7 \sin 8x$

amplitude

period

d. $y = -0.5 \sin 2x$

amplitude

period