Convert -212° to radians

Convert $\frac{7\pi}{11}$ radians to degrees

Evaluate each expression:

$\sin(90°)$ $\tan(225°)$ $\cos\left(\frac{5}{6}\pi\right)$

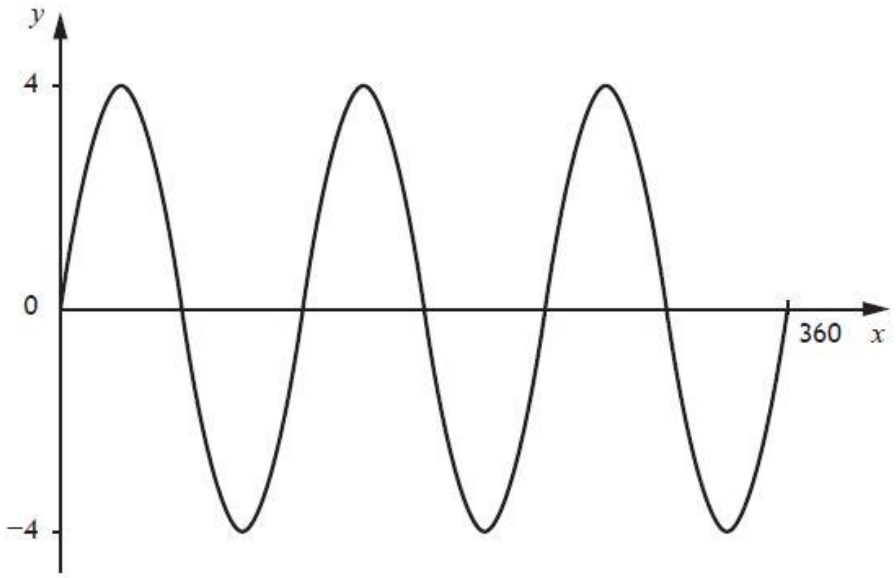
$\sec(300°)$ $\cot\left(\frac{11}{6}\pi\right)$ $\csc\left(\frac{4}{3}\pi\right)$

Determine two angles that are coterminal (positive/negative) with each of the following:

$204°$

$-\frac{\pi}{8}$

Determine the amplitude and period of each:



$$f\left(x\right)=-3\cos\left(60x\right)$$

Directions: Identify the domain and range of each

$$f(x) = -5\cos(6x)$$

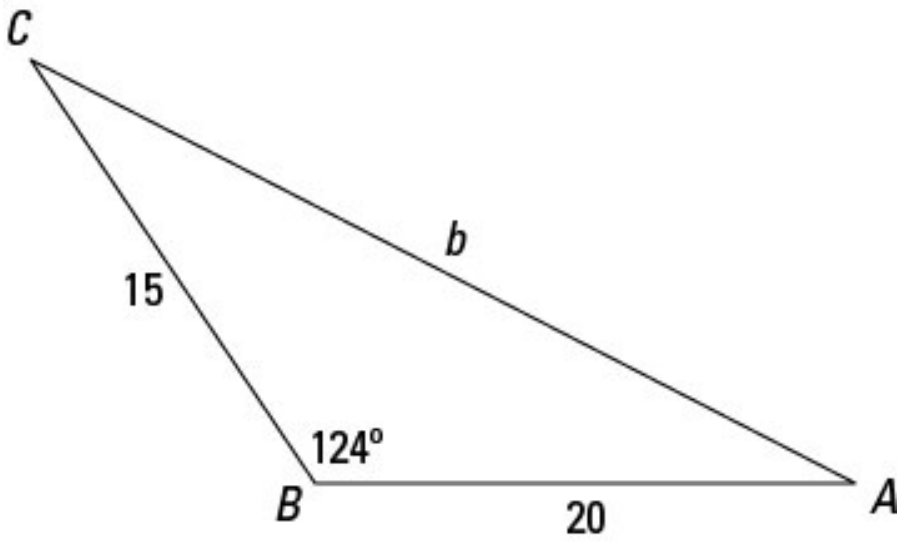
$$f(x) = \frac{1}{3}\tan\left(\frac{x}{2}\right)$$

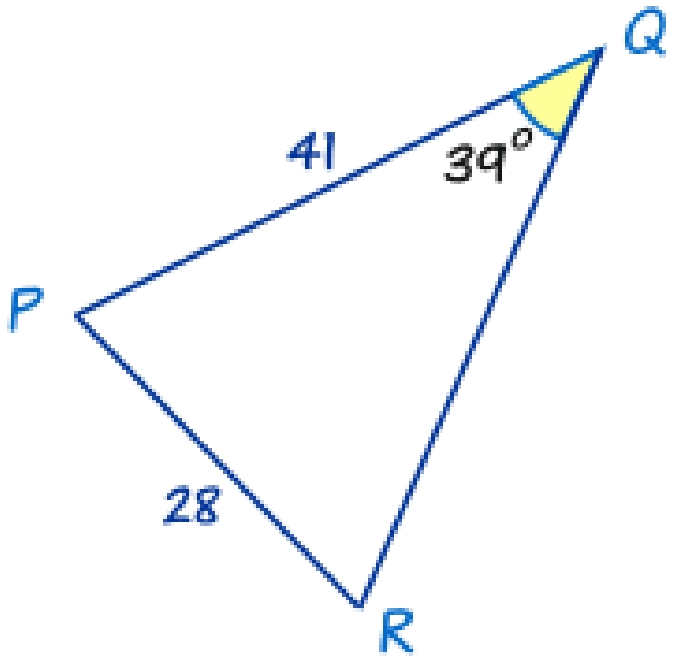
Directions: Is the function a sinusoid?

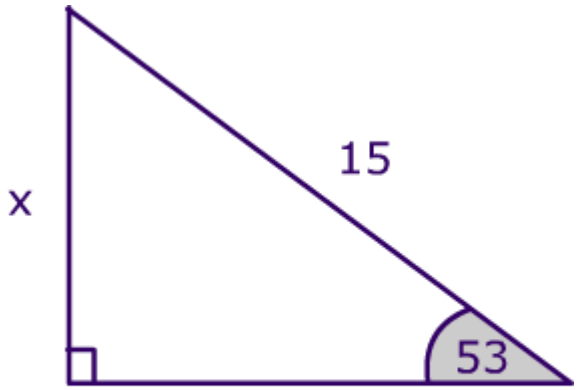
$$f(x) = -5\cos(6x) + 3\sin(6x)$$

$$f(x) = 4\cos(2x) - 3\sin(3x)$$

Directions: solve the triangle







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Directions: Evaluate

$$\sin^{-1}\left(\frac{\sqrt{2}}{2}\right)$$

$$\cos^{-1}\left(-\frac{\sqrt{3}}{2}\right)$$

$$\tan^{-1}\left(-\frac{\sqrt{3}}{3}\right)$$

$$\tan\left[\cos^{-1}\left(-\frac{\sqrt{3}}{2}\right)\right]$$

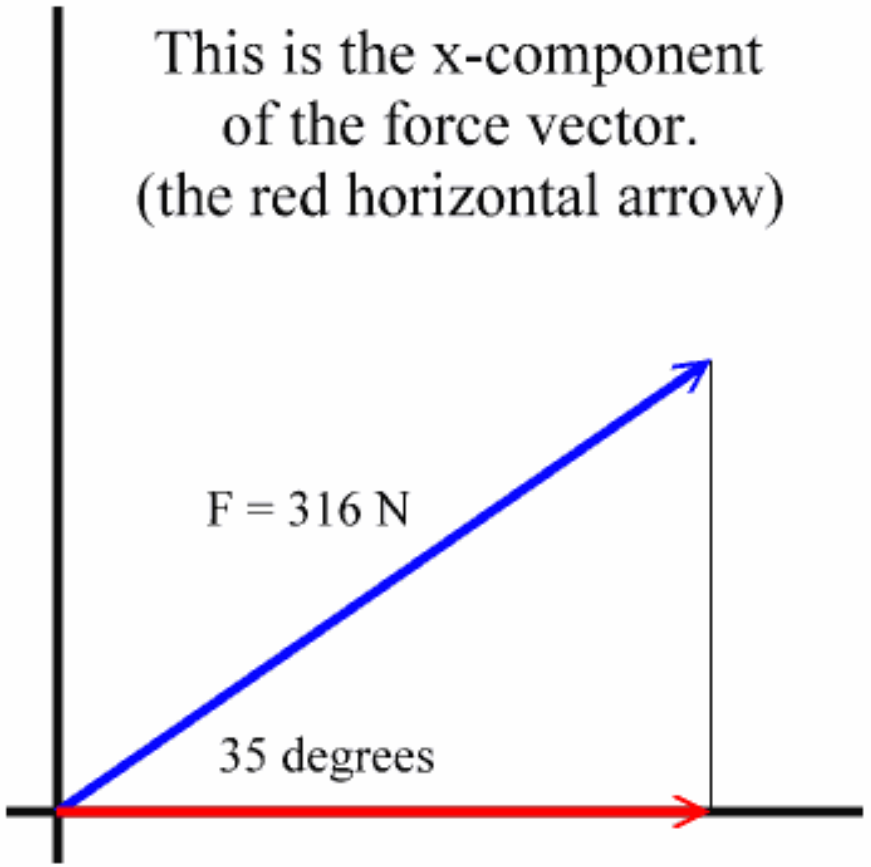
Directions: Find the magnitude and direction of the vector

$\langle -3, 4 \rangle$

$\overrightarrow{BA}$

$A(2, -5)$ and $B(3, 7)$

Directions: Put each vector in component form



Directions: Subtract the component form

$$\overrightarrow{BA} - 2\overrightarrow{CD}$$

$$A(2, -5) \text{ and } B(3, 7)$$

$$C(2, -5) \text{ and } D(3, 7)$$

Directions: Can you find the angle between two vectors

$$\langle -3, 4 \rangle \text{ and } \langle 5, -11 \rangle$$

Directions: Determine whether the vectors are parallel, orthogonal or neither

$\langle -3, 4 \rangle$ and $\langle 5, -11 \rangle$

$\langle -3, 4 \rangle$ and $\langle 4, 3 \rangle$

$\langle -3, 4 \rangle$ and $\langle -6, 8 \rangle$

Directions: Simplify

$\sin^2 x + \cos^2 x$

$\cot x \cdot \tan x$

$\sec x \cdot \cos x$

Directions:

Directions: