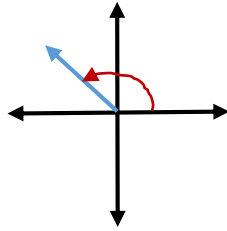
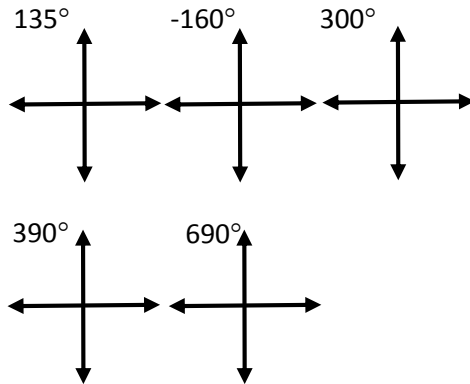


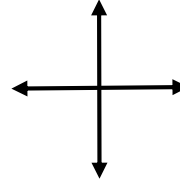
Angles in Standard Position



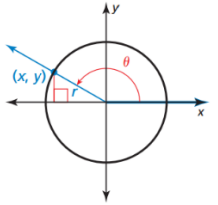
Draw Angles in Standard Position



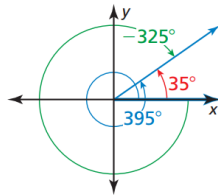
Let $(8, -6)$ be a point on the terminal side of an angle θ in standard position. Evaluate the six trig functions of θ .



Definition of Trig Functions



Coterminal Angles



Find one positive and one negative coterminal angle with the given angle.

a. -75°

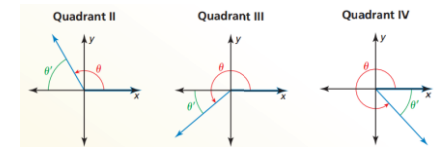
b. 460°

Find the reference angle for each angle.

a. -220°

b. $\frac{15\pi}{16}$

Reference Angles



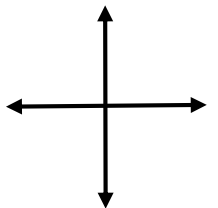
Converting between degrees and radians

Converting between radians and degrees

Evaluate $\cot 210^\circ$.

Evaluate $\cos \frac{10\pi}{4}$

Evaluating Trig Functions



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of Trig
Functions**

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