

TOPIC: COTERMINAL ANGLES

Introduction to Coterminal Angles

◆ You'll sometimes need to draw angles which are NOT between 0° & 360° .

- ▶ Angles are **COTERMINAL** if they point in the same direction, i.e. same [**INITIAL** | **TERMINAL**] side.
- ▶ To find angles which are coterminal with a given angle, add or subtract multiples of _____.

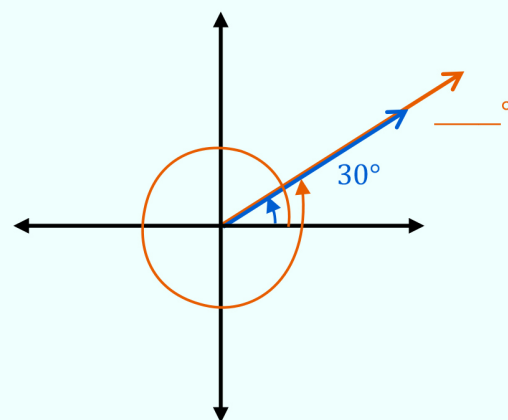
EXAMPLE

Find an angle between 0° & 360° which is coterminal with the given angle.

(A) 390°

(B) -270°

(C) 1000°



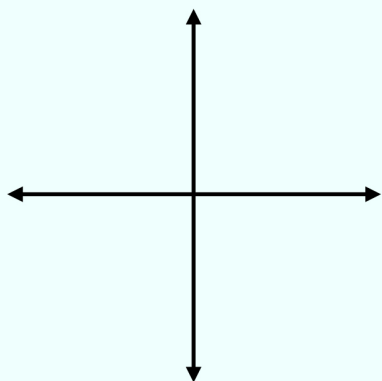
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EXAMPLE

Find the smallest positive angle coterminal with the given angle. Sketch the angle in standard position.

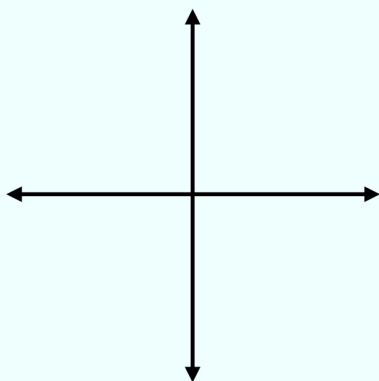
(A)

710°



(B)

-37°



(C)

-480°

