

NAME: _____

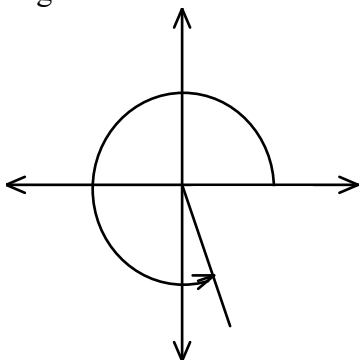
1. Sketch the angle 119° in standard position.
2. Sketch the angle 329° in standard position.
3. Name the angle in standard position that is coterminal with -28° , also in standard position. Find the smallest such angle in the *opposite* direction of the given angle.
4. Name the angle in standard position that is coterminal with -694° , also in standard position. Find the smallest such angle in the *opposite* direction of the given angle.

6. In navigation, a bearing is the measure of the angle of direction in a clockwise direction from due north. Find the positive angle in standard position for a ship's bearing of 220° .
7. Find the mean of these angles. For each, use the positive coterminal angle in standard position.
 $40^\circ, -315^\circ, 65^\circ, -280^\circ, -250^\circ$

8. Which angle is coterminal with $-\frac{\pi}{4}$?

[A] 4π [B] $\frac{\pi}{4}$ [C] $\frac{3\pi}{4}$ [D] $\frac{7\pi}{4}$

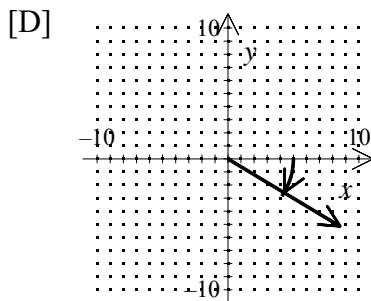
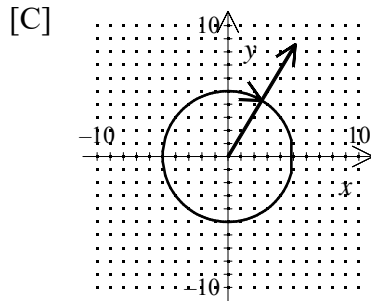
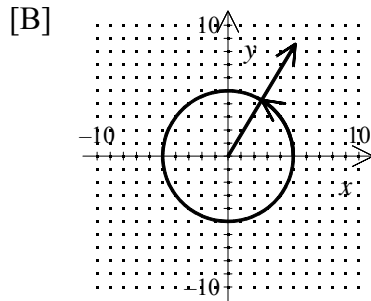
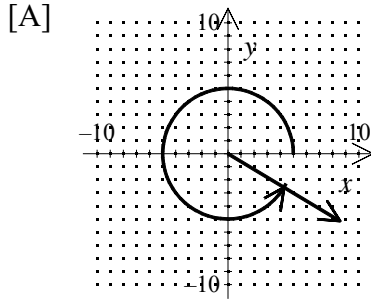
5. This is a sketch in standard position of which angle?



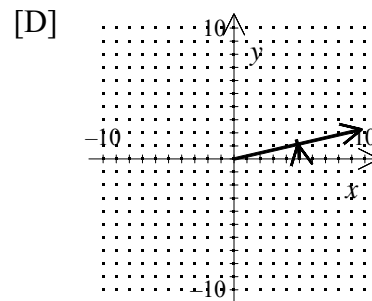
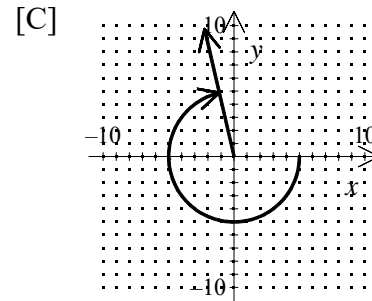
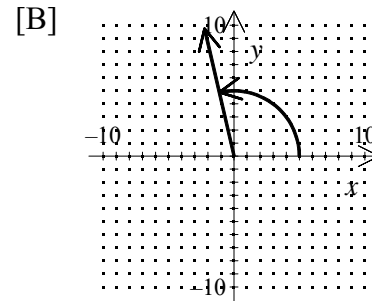
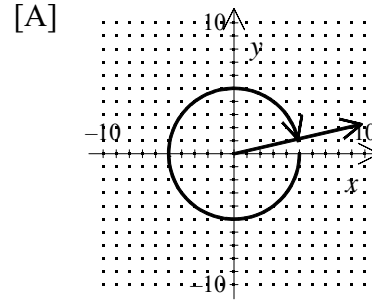
- [A] 900° [B] -920°
[C] 1040° [D] -800°

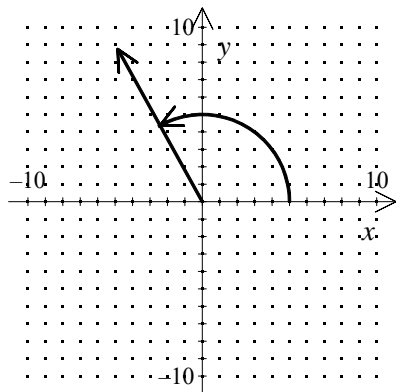
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9. Sketch the angle 329° in standard position.

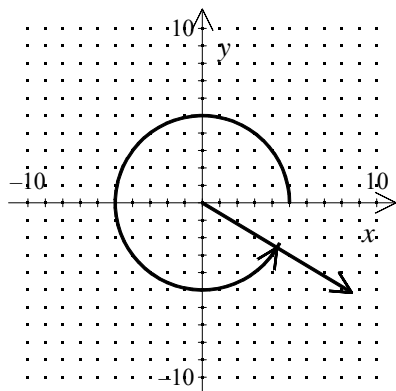


10. Sketch the angle -347° in standard position.





[1] _____



[2] _____

[3] 332°

[4] 26°

[5] D

[6] 230°

[7] 68°

[8] D

[9] A

[10] A