

Trig. 1-1
Algebra II B

Name: _____

Hour: _____

Convert Degrees to Radians.

1. 30°

2. 45°

3. 60°

4. 90°

Convert Radians to Degrees.

5. $\frac{3\pi}{2}$

6. $\frac{2\pi}{3}$

7. $\frac{5\pi}{4}$

8. $\frac{11\pi}{6}$

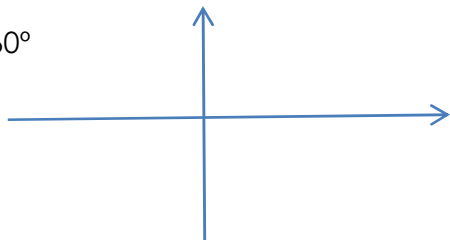
Convert the degree in Decimal form to DMS form.

9. 42.35°

10. 25.75°

Draw the angle in standard position, then find the reference angle, a positive angle and a negative angle that is Co-terminal with the given angle.

11. 60°

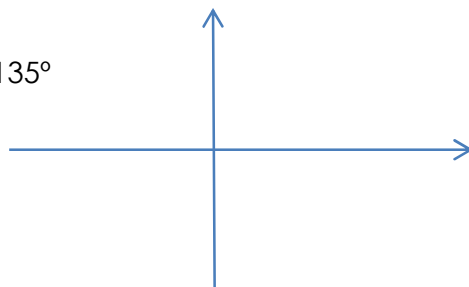


Reference angle: _____

(+) co-terminal angle: _____

(-) co-terminal angle: _____

12. 135°

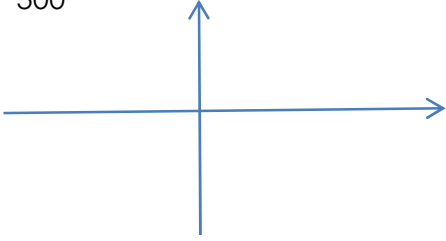


Reference angle: _____

(+) co-terminal angle: _____

(-) co-terminal angle: _____

13. 300°

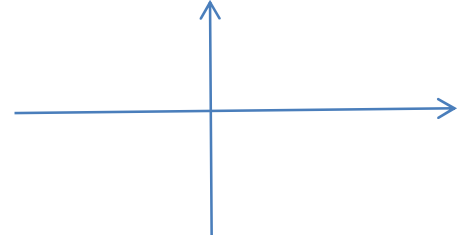


Reference angle: _____

(+) co-terminal angle: _____

(-)co-terminal angle: _____

14. 225°

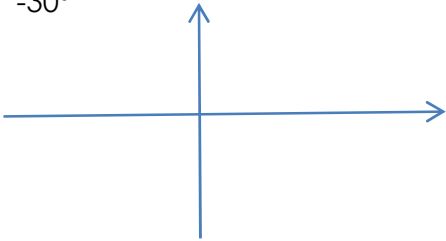


Reference angle: _____

(+) co-terminal angle: _____

(-)co-terminal angle: _____

15. -30°

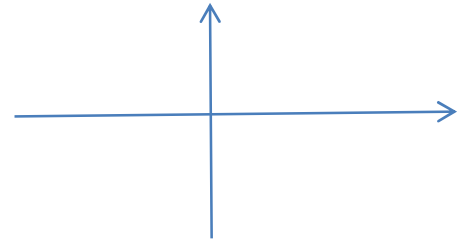


Reference angle: _____

(+) co-terminal angle: _____

(-)co-terminal angle: _____

16. -240°



Reference angle: _____

(+) co-terminal angle: _____

(-)co-terminal angle: _____