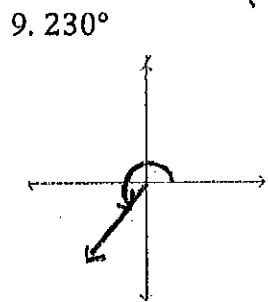
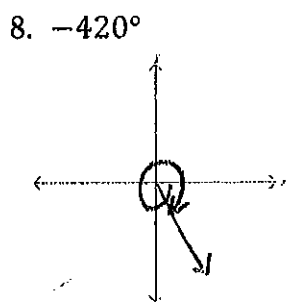
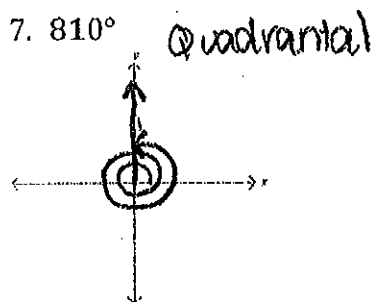
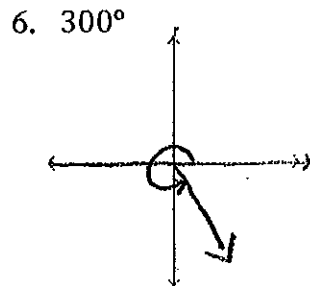
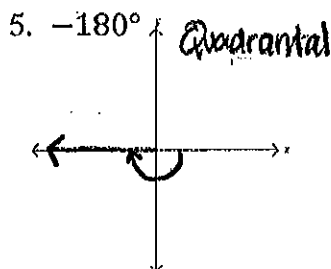
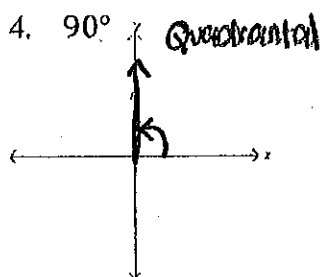
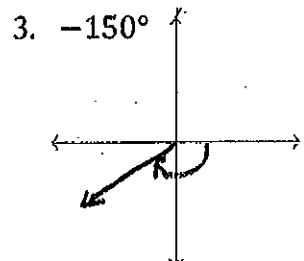
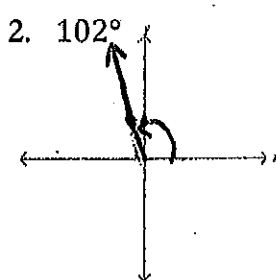
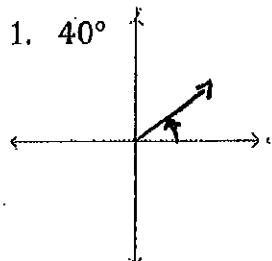


Trigonometry – Angles Homework

Draw an angle with the given degree measure in standard position. Determine if the angle is a quadrantal angle.



Find the measure of the angle created by each rotation:

10. 1.75 rotations clockwise
 -630°

11. $\frac{1}{4}$ rotation clockwise
 -90°

12. $\frac{5}{8}$ rotation counter clockwise
 225°

Find an angle between 0° and 360° that is coterminal with the given angle, then state the quadrant that the terminal side lies in.

13. $1270^\circ = 190^\circ$
Quad 3

14. $-600^\circ = 180^\circ$
Quad 2

15. $-810^\circ = 270^\circ$
Quadrantal Angle

Find one positive and one negative coterminal angle for each of the following:

16. 45°
Positive: 405°
Negative: -315°

17. 225°
Positive: 585°
Negative: -135°

18. -345°
Positive: 15°
Negative: -705°