

Homework

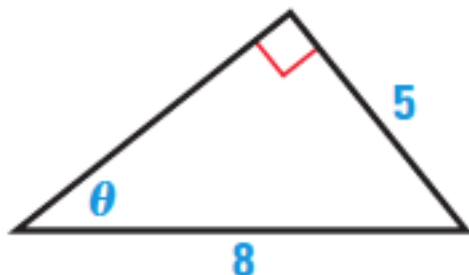
p. 878: 25, 27-29, 36

SOLVING EQUATIONS Solve the equation for θ .

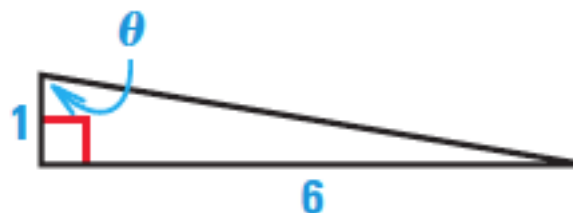
25. $\cos \theta = 0.25; 270^\circ < \theta < 360^\circ$

FINDING ANGLES Find the measure of the angle θ .

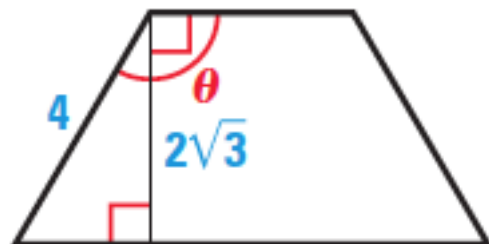
27.



28.



29.



36. **ANGLE OF DESCENT** An airplane is flying at an altitude of 31,000 feet when it begins its descent for landing. If the runway is 104 miles away, at what angle does the airplane descend?