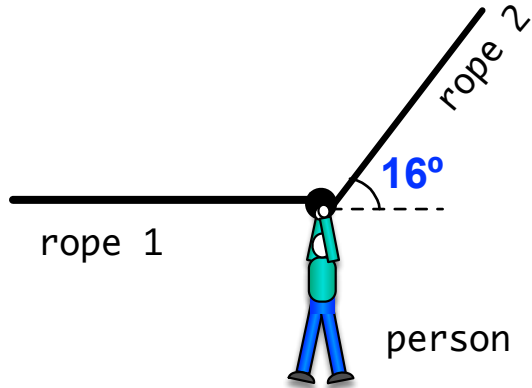


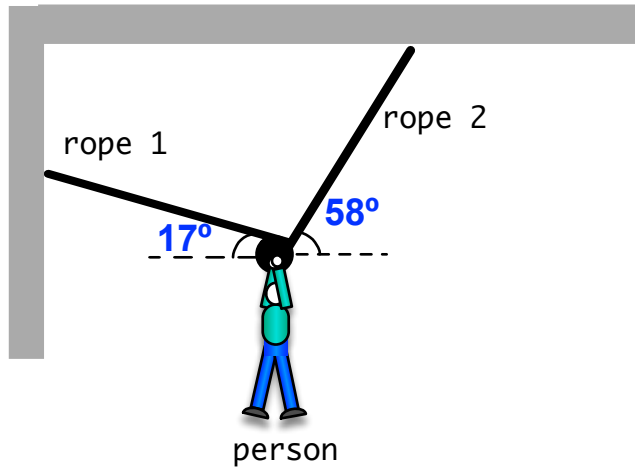
Cycle 5 - Advanced Components

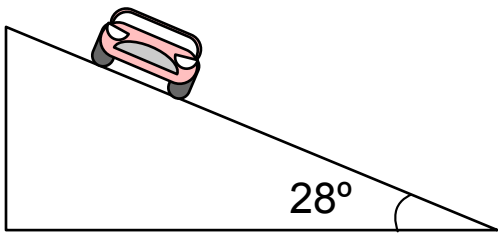
Review

What is the Tension Force on rope 1 if the Tension force on rope 2 is 750 N, and the person is at rest and staying at rest?

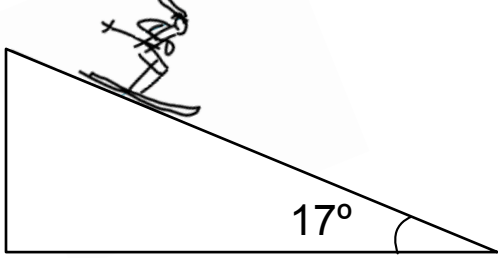


The tension in rope 1 is 250 N. The tension in rope 2 is 560 N.
The person weighs 850 N. Solve for the Net Forces in 'x' and 'y'.





What is the coefficient of friction if this 950 kg car is **at rest and staying at rest** on this incline?



The 85 kg skier is **skiing down the hill**. The coefficient of friction is 0.15. Solve for the Normal Force and Friction, and the Net Force.