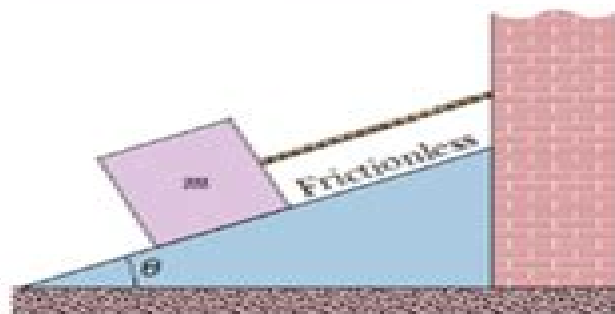


In the figure, let the mass of the block be 8.50 kg and the angle $\theta = 30.0^\circ$.



Use the checkboxes to select the correct vectors as instructed above. Move the vectors to the correct starting points and orient them in the correct direction as instructed.

- F_N
- mg
- f
- T

Key to Force Labels

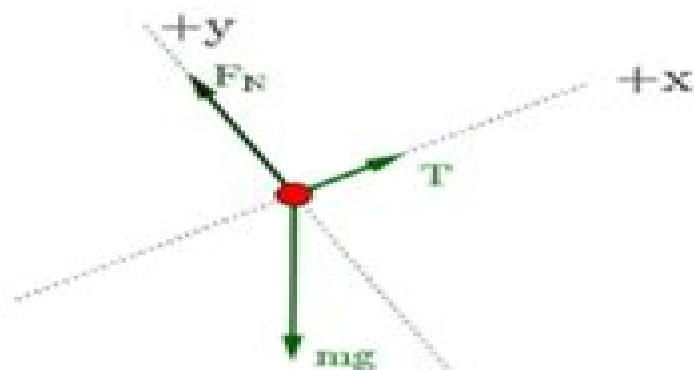
F_N = Normal force

mg = Gravitational force

f = Frictional force

T = Tension

Draw free-body diagram here



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