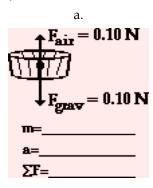
Newton's Second Law

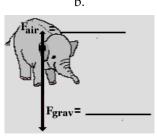
Read from Lesson 3 of the Newton's Laws chapter at The Physics Classroom:

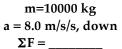
http://www.physicsclassroom.com/Class/newtlaws/u2l3c.html http://www.physicsclassroom.com/Class/newtlaws/u2l3d.html

MOP Connection: Newton's Laws: sublevels 8 and 9

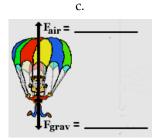
Free-body diagrams are shown for a variety of physical situations. Use Newton's second law of motion $(\Sigma F = m \cdot a)$ to fill in all blanks. Use the approximation that $g = \sim 10 \text{ m/s/s}$.





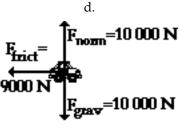


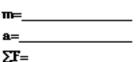
e.



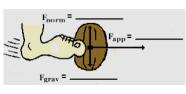
m=800 kg a = 6.0 m/s/s, up $\Sigma F =$

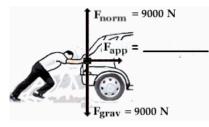
f.





g.





m= _____ a = 1.50 m/s/s, right ΣF = _____

