







<p>1 A 4 kg monkey is standing motionless on a table. What is the normal force applied to the monkey?</p> 	<p>2 A 5 kg monkey on ice skates pushes forward with a force of 25 newtons (no friction). What will be the monkey's acceleration?</p> 
<p>3 A 6 kg monkey is climbing a rope at a constant speed. What is the force that the monkey is applying on the rope?</p> 	<p>4 A 10 kg monkey riding an elevator experiences an acceleration of -2m/s^2. What is the normal force on the monkey?</p> 
<p>5 A 5.5 kg monkey is applying a forward force of 10 N with a frictional force of 5 newtons. What is the monkey's acceleration?</p> 	<p>6 A 12 kg monkey is falling with a parachute at a constant speed. What is the total tension applied by the parachute?</p> 
<p>7 A 4 kg monkey slides into home base at a rate of -3 m/s^2. What is the force applied by friction?</p>	<p>8 A box (filled with monkeys) is being pulled up by a rope at a rate of 1.4 m/s^2. If the tension in the rope is 48 Newtons, what is the mass of the box (filled with monkeys)?</p>
<p>9 A 7 kg Monkey is riding on top of an elephant. If the elephant suddenly accelerates at a rate of 7 m/s^2, how much force must be applied to the monkey so that it does not fall off?</p>	<p>10 A 6.2 kg monkey is riding in the back of a pickup truck when it hits the brakes. If the truck accelerates at -15 m/s^2, and the monkey's maximum frictional value is 70 Newtons, what will the monkey's acceleration be?</p>