
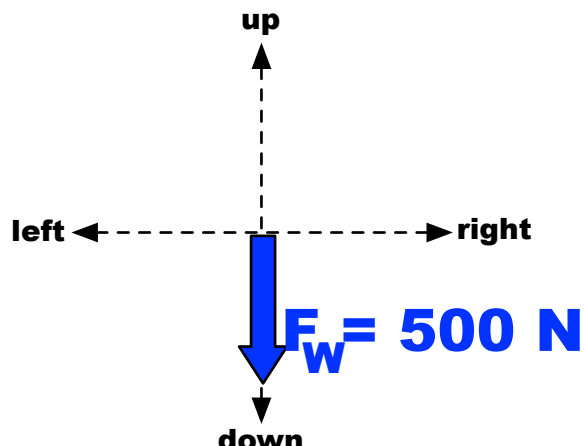

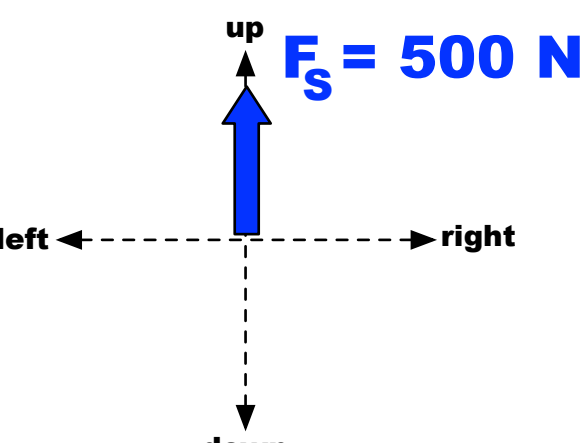

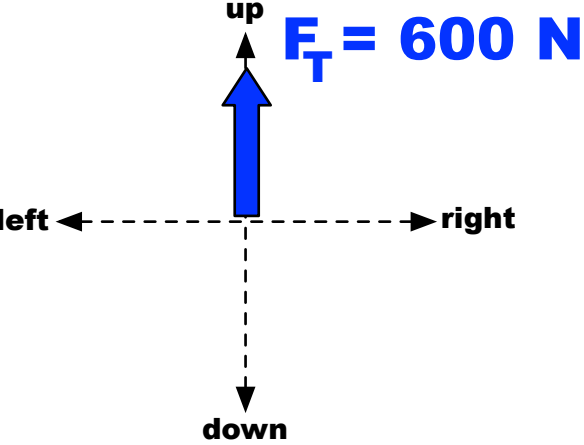

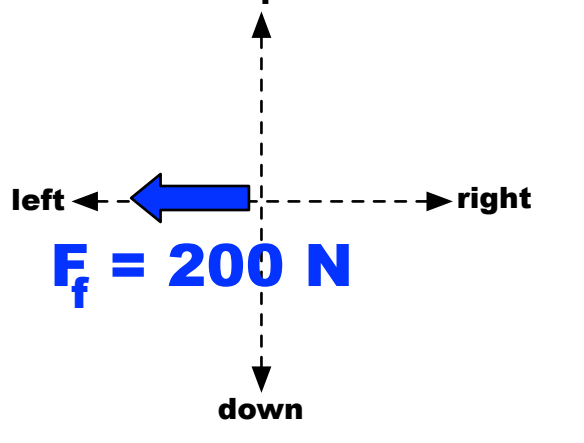

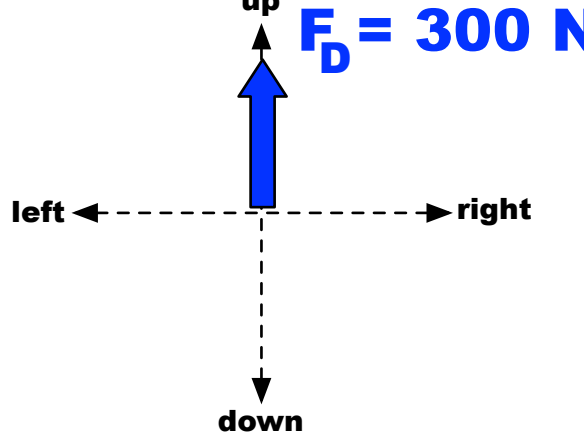
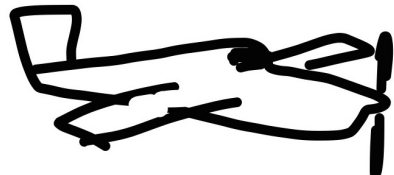


FORCE	EXAMPLE	DIRECTION	DIAGRAM
WEIGHT	<p>This person weighs 500 N.</p> 	Always downward.	
SURFACE FORCE (NORMAL)	<p>The floor supports the person.</p> 	90 degrees to the surface.	
TENSION	<p>There is 600 N of Tension in the rope.</p> 	Ropes can only pull.	
FRICTION	<p>The person slides to the right against 200 N of friction.</p> 	Friction acts opposite to motion.	
DRAG	<p>The person falls and experiences 300 N of Drag.</p> 	Drag acts opposite to motion.	
LIFT	<p>The airplane gets 1,000 N of Lift.</p> 	Lift acts 90 degrees to the wings.	