



In the last two sections we saw that we can add together forces to get the net force acting on something. If the net force is anything but zero, it is an unbalanced force. An unbalanced force changes the motion of the thing it acts on. An unbalanced force can make an object go faster or slower, or it changes the thing's direction.

Greater unbalanced forces cause greater changes in motion. This makes sense when you think about things on which you exert force. The harder you push on the pedals of a bicycle, the more it speeds up. The harder you throw a ball the faster it goes.

continue reading 





Which statements are True and which statements are False?

WELL DONE!

- ✓ TRUE / **FALSE** A) Only solid things have mass.
- ✓ **TRUE** / FALSE B) An unbalanced force is needed to change the direction of a thing's motion.
- ✓ TRUE / **FALSE** C) On Earth, gravity always acts in the direction we call "up."
- ✓ **TRUE** / FALSE D) When forces are balanced, the net force is zero.
- ✓ TRUE / **FALSE** E) Force is a kind of energy.

The Effect of Force on Mass

Thumb Tack



Bowling Ball



Car



Feather



Dog



OR

OR

OR

OR

OR



Tin Can



Soccer Ball



Skateboard



Coin



Elephant



Reset