

Jeopardy

Motion

Motion

JEOPARDY

Describing Motion	Force and Acceleration	Mass and Acceleration	Gravity	Hodgepodge
10	10	10	10	10
20	20	20	20	20
30	30	30	30	30
40	40	40	40	40
50	50	50	50	50

**The change of an object's
position**



**The change of position
during a unit of time**



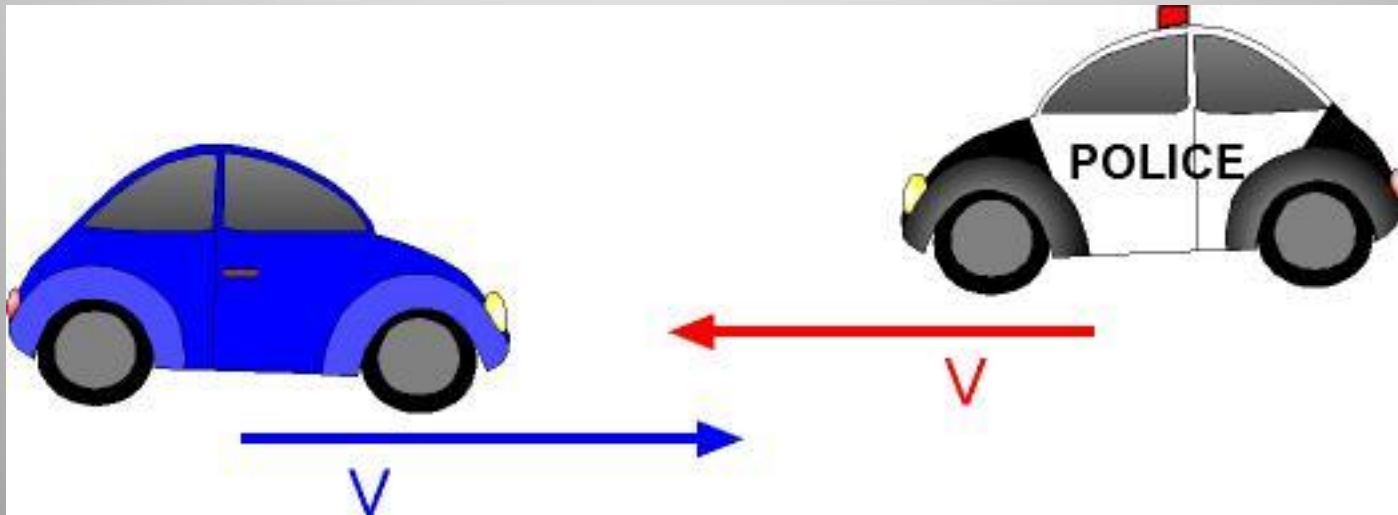
**The two things that must
be measured in order to
find speed**



Three word term for how we know the car in the two drawings has moved



What is the same about the two toy cars?



10 g
1 m/sec

15 g
1 m/sec



A push or a pull



**The speed and direction of
an object**



Neither guy's arm is moving. This photo is an example of...



Two girls tug on a rope to the left. They each apply a force of 40 N. A third girl tugs on the rope to the right, using a force of 40 N. What is the net force on the rope?



Describe two forces that are involved when you shoot a basketball through the net.



**A change in speed or
direction of an object's
motion**



**The property of matter
that keeps a moving object
moving in a straight line**



**The reason a bowling ball
is harder to stop than a
soccer ball**



If the same force acts on these two objects, which will have the greatest acceleration?



**The two factors that
determine an object's
momentum**



The force of attraction between Earth and other objects



The measurement of the force of gravity on an object



**A force that acts between
all masses and causes
them to attract one
another**



**Two things that cause
gravitation to be stronger**



**What keeps the moon in a
circular path around
Earth?**



**The amount of matter in a
person's body**



**Friction changes energy of
motion into this form of
energy**



**A force that resists
motion, relative to each
other, of objects that are
touching**



**Why average speed is
more important during a
race than the speed at any
particular moment
(instantaneous)**



**The best type of graph for
comparing speeds**

