

Word Bank

Air resistance

friction

pulls

gravity

speed

direction

pull

touching

push

more

greater

not

attracts

farther

move

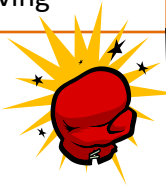
equal

towards

Blue words for top half, red words for bottom half

Forces make things _____ up,
slow down or change _____.
Without a force a still object remains still &
a moving object would keep moving

Forces are constantly battling
each other. Unbalanced forces
move and balanced forces don't.



Acceleration



The more mass
something has,
the _____
force required to
move it. Circle
the cart that
requires the
most force to
move



Acceleration



Gravity vs.



A push vs.
friction and _____

A _____ vs. friction



Push vs. _____

Types of Forces

- Magnetic force
- Pushes and _____
- Gravity
- Air resistance
- _____

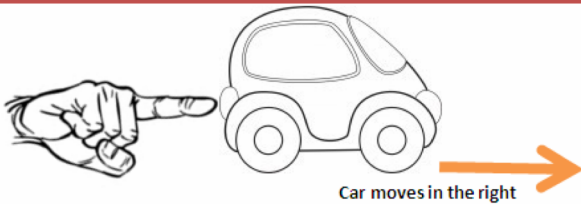


Friction opposes motion
between two _____.
Friction slows
things down. Circle the
picture with the *least*
amount of friction.

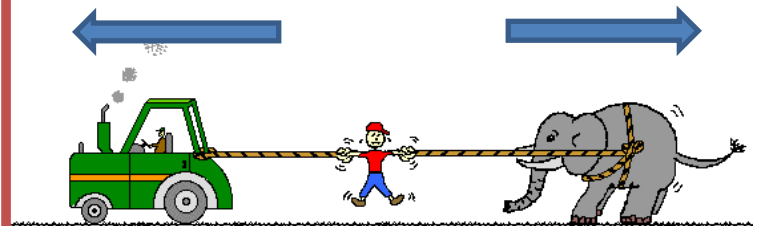
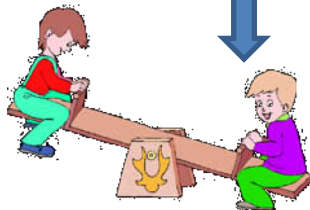
The more force
that is applied, the _____
the _____
object will go.
Circle the car that
will *not* go as far.



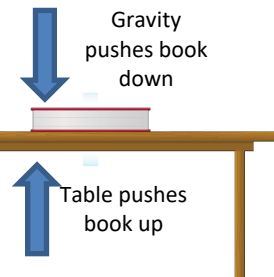
Gravity is a force that
_____ objects
to one another. Gravity
pulls objects on Earth
_____ Earth's
center.



Unbalanced forces happen when one
side has _____ force in one
direction. This will cause the object
to _____ in
the direction the greater
force is going.



Balanced forces are two
_____ forces acting in
opposite direction. Because
it is balanced the object
does _____ move.

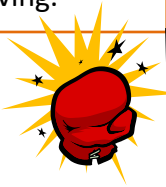


Gravity
pushes book
down

Table pushes
book up

Forces make things speed up,
slow down or change direction.
Without a force a still object remains still &
a moving object would keep moving.

Forces are constantly battling
each other. Unbalanced forces
move and balanced forces don't.



Acceleration



The more mass
something has,
the more
force required to
move it. Circle
the cart that
requires the
most force to
move



Acceleration



Gravity vs.
Air resistance



A push vs.
friction and
gravity

A pull vs. friction



Push vs. push



Types of Forces

- Magnetic force
- Pushes and pulls
- Gravity
- Air resistance
- friction

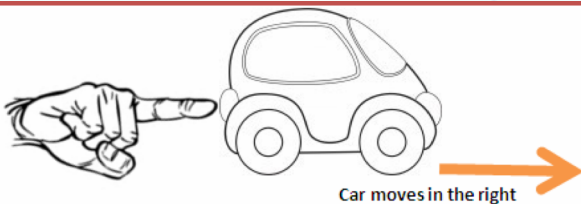


Friction opposes motion
between two touching
objects. Friction slows
things down. Circle the
picture with the least
amount of friction.

The more force
that is applied, the
farther the
object will go.
Circle the car that
will not go as far.

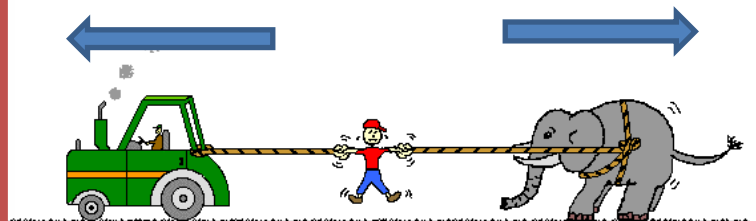
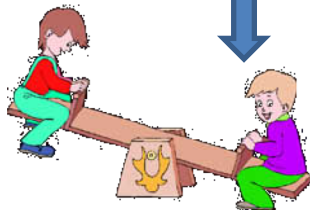


Gravity is a force that
attracts objects
to one another. Gravity
pulls objects on Earth
towards Earth's
center.

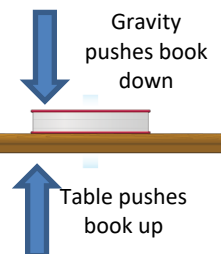


Car moves in the right

Unbalanced forces happen when one
side has greater force in one
direction. This will cause the object
to move in
the direction the greater
force is going.



Balanced forces are two
equal forces acting in
opposite direction. Because
it is balanced the object
does not move.



Gravity
pushes book
down

Table pushes
book up