MINDS ON SCIENCE



By M.Watts

Grade 5 Science

TYPES OF FORCES

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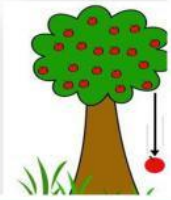
1. Draw a line to connect each type of force to the correct description.

TYPE OF FORCE	DESCRIPTION
Magnetism	The type of force that slows down or stops movement when one object rubs against another.
Gravity	The upward force that a liquid or gas exerts on a body floating in it.
Friction	The type of force that pulls things down toward the earth
Buoyancy or Upthrust	The type of force that opposes/pushes against the movement of an object as it passes through the air.
Air Resistance	The type of force that can pull metal objects toward it or push metal objects away from it.

2. Select the main type of force that is acting in each situation below.



A boy running toward the finish line with a strong wind blowing in his face.



An apple falls from the tree on a calm (no wind) day.



Two boys sliding down two different slopes. One boy moves faster than the other.



Metal balls start moving toward this red object.

Written & Curated by M. Watts

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LIVEWORKSHEETS



2. Continued:

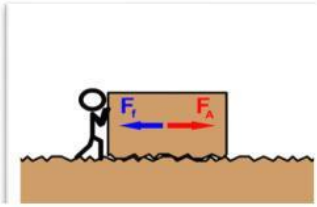
Select the main type of force that is acting in each image below



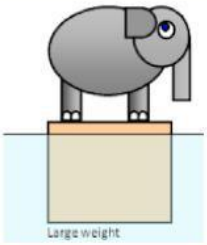
A large ship sails across on the ocean.



A man is training for a long distance race.



This box is not very heavy, but the boy is having a difficulty moving the box, even though he is pushing with all his strength.



This heavy elephant has been standing for while on this brown box, which is in water. The elephant does not sink.

========= END =========

LIVEWORKSHEETS