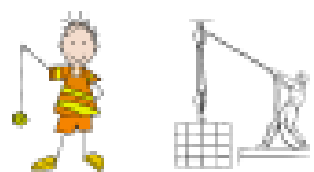


FORCES



Mini-Quiz #2

Name: _____

Date: _____

1.) What can a streamlined shape help reduce?

- a) gravity
- b) upthrust
- c) air resistance

2.) Why does an ice-skater continue to move for so long?

- a) because there is a lot of air resistance
- b) because they are streamlined
- c) because there is so little friction

3.) What is used to lift heavy objects using a rope and an anchor point?

- a) pulley
- b) lever
- c) gear

4.) What is gravity measured in?

- a) Newtons
- b) Isaacs
- c) Gravitas

5.) What happens to gears when they are joined?

- a) they change direction
- b) they remain in the same direction
- c) they stop

6.) What force acts upon a parachute?

- a) friction
- b) water resistance
- c) air resistance

7.) What does friction cause?

- a) things to slow down
- b) things to speed up
- c) things to fall

8.) What does a rough surface cause?

- a) less friction
- b) more friction
- c) more upthrust



9.) What is the name of the force keeping things afloat in water?

- a) friction
- b) water resistance
- c) upthrust

10.) What happens to an object when gravity is greater than upthrust?

- a) it floats
- b) it sinks
- c) it stops moving

Total Score

___ out of 10

