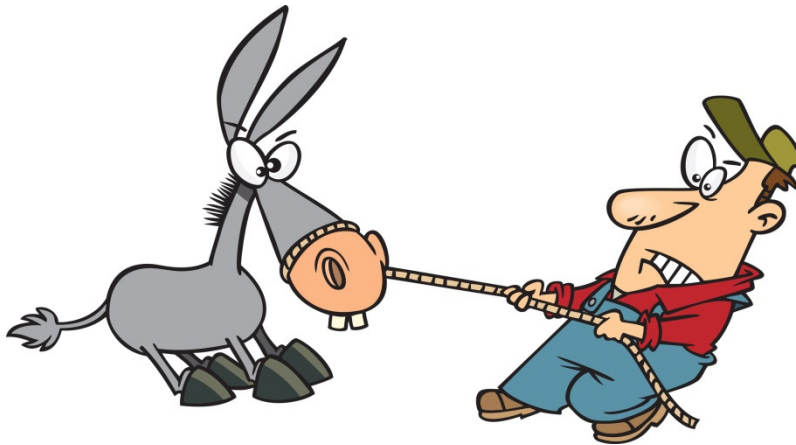


FORCES 3

Questions



1. What is meant by the word “force” in science?



2. How is the direction of an object changed?

- ☐ push and pull force
- ☐ by twisting
- ☐ by stopping its movement first

3. How can you make your bike go faster?

- ☐ increase the weight on the bicycle
- ☐ change the pedals
- ☐ pedal faster



4. Will a heavier or lighter object go faster when kicked?
Explain.

5. Motion is caused by _____.

6. **Inertia** means an object will move in the _____ direction until another force affects it.

- ☐ faster
- ☐ same
- ☐ slower

7. When there is no force on an object it _____.

- ☐ does not move
- ☐ moves very quickly
- ☐ moves very slowly

8. Select ALL the different ways something can move

- ☐ spin
- ☐ roll
- ☐ sleep

9. Pushing or pulling an object to produce motion is called _____.

10. Complete the following:

A push or a pull can ...

- a. make things **m**_____.
- b. make thing **s**_____ up.
- 3. make things **s**_____ down.
- 4. make things **c**_____ shape.
- 5. make things change **d**_____.

11. If an object is not moving, it will stay that way until another force acts upon it.

- ☐ true
- ☐ false
- ☐ sometimes

12. Gravity _____ objects down to Earth.

- ☐ trips
- ☐ throws
- ☐ pulls