3rd Grade Science
Forces and Motion

Match each definition with the concept that is being described.

1. Any push or pull on an object. — Spring Scale
2. Units in which forces are measured. — Gravity
3. Tool that is used to measure Newtons of a force. — Force
4. Force of attraction between objects that have mass. — Newtons

Choose the correct answer.

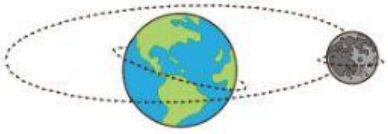
5. How many Newtons of force do you need to lift and apple? a) 5 N b) 40 N
6. How many Newtons of force would you need to lift a cat? a) 5 N b) 40 N

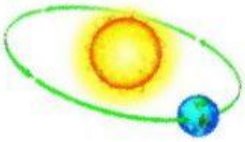
7. If you drop an apple, it goes down. Why?

a) The force of gravity attracts the apple to the planet.

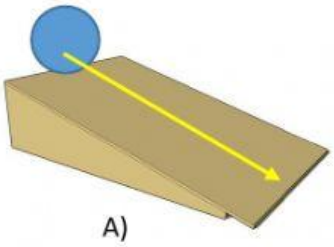
b) Apples want to return were they were born.

8. What force makes the Moon orbit around the Earth? a) Gravity b) Magnetism
9. What force makes the planets orbit around the Sun? a) Electricity b) Gravity

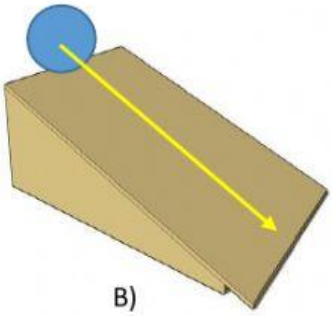




10. Which ball will move with greater force?

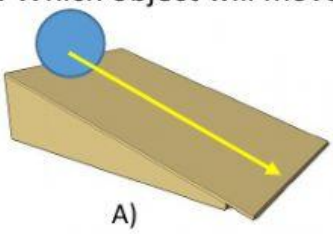


A)

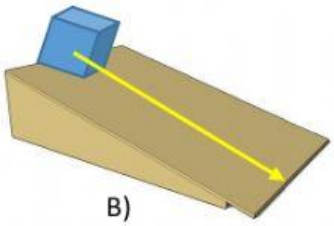


B)

11. Which object will move more?



A)



B)

LIVEWORKSHEETS