

force

Total questions: 17

Worksheet time: 9mins

Name Class Date

1. What is gravity?

- a) a noncontact force
- b) a frictional force
- c) a contact force
- d) a magnetic force

2. Which of these is considered a contact force?

- a) the force between two charged particles
- b) the friction between an object and air
- c) the gravitational pull of a planet
- d) the force between two magnets

3. Why are some forces considered to be noncontact forces?

- a) Objects push each other apart to increase the distance between them.
- b) Objects must be large in size in order to exert a force that is strong enough to notice.
- c) Objects do not have to touch each other to experience a force.
- d) Objects must be far apart in order to exert a force.

4. Why is the magnetic force considered to be a noncontact force?

- a) Magnets must be large in size in order to exert a force that is strong enough to notice.
- b) Magnets push each other apart to increase the distance between them.
- c) Magnets do not have to touch each other to experience a force.
- d) Magnets must be far apart in order to exert a force.

5. What is a force?
- a) a PUSH or PULL on an object
 - b) the MOTION an object creates
 - c) objects HITTING one another
 - d) going REALLY FAST
6. What unit do we use to measure force?
- a) Newtons
 - b) Joules
 - c) Watts
7. The force that naturally pulls objects to the center of earth is called
- a) Electromotive Force
 - b) Strong Force
 - c) Magnitude
 - d) Force of Gravity
8. Which of the following is not a type of contact force?
- a) Applied Force
 - b) Friction
 - c) Magnetic Force
 - d) Air Resistance
9. Which of the following is not a type of a Non-Contact Force?
- a) Normal Force
 - b) Magnetic Force
 - c) Electric Force
 - d) Gravity
10. Which of the following forces opposes motion?
- a) Friction
 - b) Air Resistance
 - c) Both friction and air resistance
 - d) Neither friction or air resistance

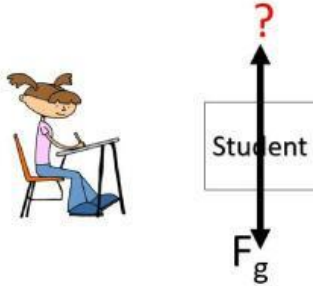
11. A force is...

- a) an "invisible mechanism."
- b) measured in Newtons.
- c) any push or pull on an object.
- d) all of the above.

12. The force that keeps objects on top of surfaces instead of letting them sink into the surface is known as:

- a) normal force
- b) abnormal force
- c) static force
- d) inertia

13.



Name the missing force....

- a) weight force
- b) normal force
- c) frictional force
- d) tension force

14. A(n) _____ is a force applied by a person or object onto another object.

- a) normal force
- b) applied force
- c) electric force
- d) magnetic force
- e) static force

15.



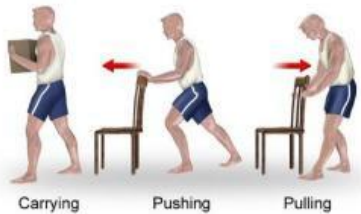
Which type of force is this?

- a) Applied Force
- b) Balanced Force
- c) Gravitational Force
- d) Frictional Force

16. A _____ is a support force.

- a) Balanced Force
- b) Normal Force
- c) Unbalanced Force
- d) Contact Force

17.



The three examples pictured are of

- a) Non-contact Forces
- b) Contact Forces