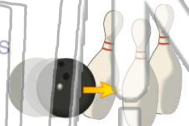
Forces and motion-how things move

Sci C

Name_____ Class_____ Date_____

1 _____ are **forces** that occur when you physically touch or make contact with another object.

A Contact forces
B Non-contact forces
C Indirect forces
D Non-touching



2 What does the **distance** an object is moved depend on?

A how much force is used to move it
B how much friction is used to move it
C how much speed is used to move it
D how much ice is used to move it

3 The _____ you **push** on an object, the **more** the object will be forced to move.

4 How difficult or easy it is to **move an object** depends on the object's _____.

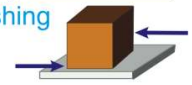
5

7 an object?

A mass
B pressure
C friction
D pull

than if you were pushing the box on ice.

A less friction
B more friction
C little friction
D the same amount of friction



9 What can **forces**, such as pushes, pulls, and friction, change?

A the size of the object
B the motion and speed of an object
C the color of an object
D the mass of an object

10 If you were riding your bike **up a large hill**, you would need to apply _____ than if you were riding down a large hill.

A more force
B less force
C the same force
D a small amount of force

Forces and motion-how things move

Sci C

Name_____ Class_____ Date_____

1 _____ are **forces** that occur when you physically touch or make contact with another object.

A Contact forces
B Non-contact forces
C Indirect forces
D Non-touching

A

2 What does the **distance** an object is moved depend on?

A how much force is used to move it
B how much friction is used to move it
C how much speed is used to move it
D how much ice is used to move it

A

3 The _____ you **push** on an object, the **more** the object will be forced to move.

4 How difficult or easy it is to **move an object** depends on the object's _____.

A

5

B

7 an object?

A mass
B pressure
C friction
D pull

C

than if you were pushing the box on ice.

A less friction
B more friction
C little friction
D the same amount of friction

B

9 What can **forces**, such as pushes, pulls, and friction, change?

A the size of the object
B the motion and speed of an object
C the color of an object
D the mass of an object

B

10 If you were riding your bike **up a large hill**, you would need to apply _____ than if you were riding down a large hill.

A more force
B less force
C the same force
D a small amount of force

A