QUIZIZZ **Worksheets**

Forces and Motion
Total questions: 15
Worksheet time: 4hrs 45mins
Instructor name: Luke Gilly

Name

Class

Date

1. A push or a pull are examples of

    a) force   b) mass

    c) motion   d) weight

2.

   If I kick a soccer ball across the field, what vocabulary word tells me why the ball would slow down in the grass?

    a) gravity   b) friction

    c) acceleration

3. Which force produces a change in motion?

    a) gravitational force   b) balanced force

    c) frictional force   d) unbalanced force

4. What is a force that works AGAINST MOTION?

    a) Motion   b) Friction

    c) Force   d) Gravity

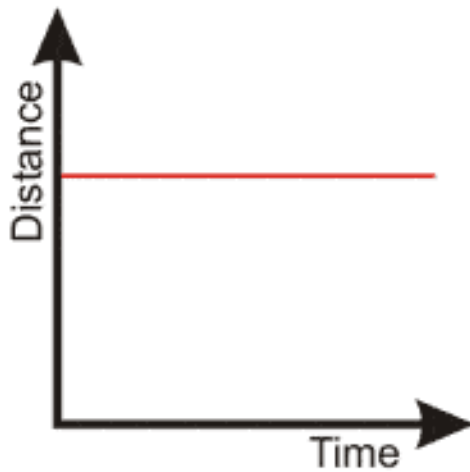5.

This game of tug of war is an example of _____ forces.

a) potential   b) unbalanced

c) balanced   d) net zero

6.

This motion graph represents:

a) constant speed   b) acceleration

c) object at rest   d) slowing down

7.   What Unit do we Measure Force in?

a) Kilograms   b) Joules

c) Newtons   d) Force

8.   What kind(s) of objects have inertia?

a) only objects at rest   b) all objects with mass

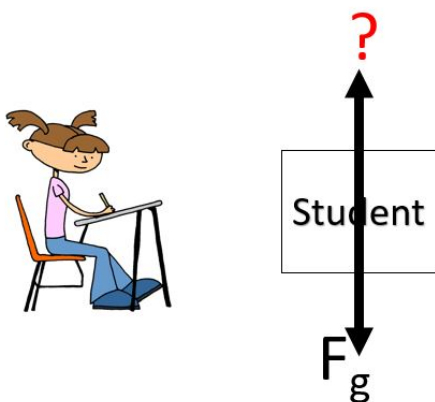c) only objects whose motion is being changed   d) only objects in motion

9.

30 N

50 N

20 N

Calculate the Net Force.

a) 60N, Left

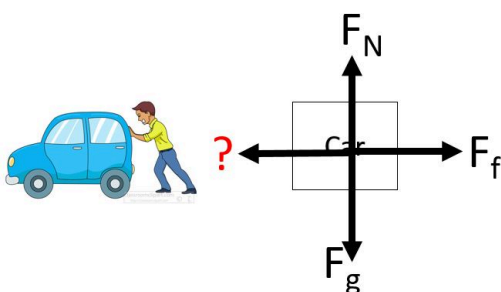b) 40N, Right

c) 60N, Right

d) 0N

10.

?

Student

F_g

Name the missing force....

a) frictional force

b) tension force

c) weight force

d) normal force

11.

F_N

?   Car F_f

F_g

Name the missing force...

a) applied force

b) tension force

c) weight force

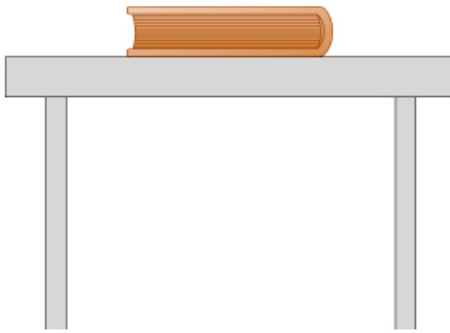d) drag

12.

An Orange falls off a tree and lands on the ground. What force caused the orange to fall?

a) friction   b) heat

c) gravity   d) wind
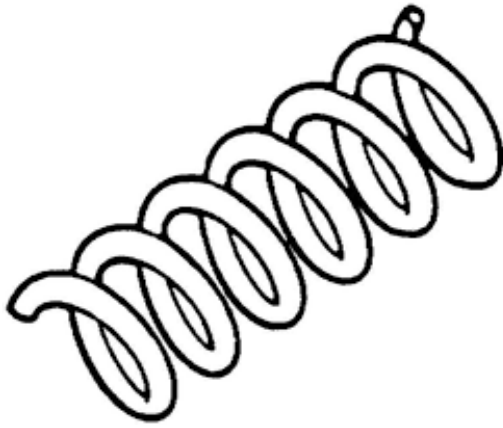
13.

The support force exerted upon an object that is in contact with another stable object.

a) Normal Force   b) Electrical Force

c) Gravity

14.

A force exerted by a compressed or stretched spring upon any object that is attached to it.

a) Spring Force   b) Elastic Force

c) Tension Force

15.

The force that is transmitted through a string, rope, cable or wire when it is pulled tight.

a) Tension Force   b) Elastic Force

c) Spring Force