Topic P - Physics T

# 1

Who was the first scientist to describe the laws of motion?

- A. Isaac Newton
- B. Albert Einstein
- C. Charles Darwin

#### Daily Science Trivia

Topic P - Physics T

# 2

Does the force of friction cause a moving object to speed up or slow down?

Choose:

A. Speed Up OR B. Slow Down

## Daily Science Trivia

Topic P - Physics

A doorknob is an example of a simple machine. How is it classified?

> A. Pulley B. Wheel and Axle C. Inclined Plane

# Daily Science Trivia

Topic P - Physics

# 4

Which formula is used to calculate speed?

- A. Distance ÷ time
- B. Time + distance
- C. Distance x time

## **Daily Science Trivia**

Topic P - Physics -

# 5

Which of Newton's laws states that an object in motion will remain in motion, and an object at rest will remain at rest, unless acted upon by an unbalanced force?

> A. 1st B. 2nd C. 3rd

# Daily Science Trivia

Topic P - Physics -

# 6

Which type of friction is produced by wheels and ball bearings?

- A. Sliding friction
- B. Rolling friction
- C. Fluid friction

Topic P - Physics -

# 7

What do we call the tendency of objects to remain in motion or to stay at rest?

A. Speed

B. Inertia

C. Acceleration

#### Daily Science Trivia

Topic P - Physics T

# 8

Which law of motion states that for every action, there is an equal and opposite reaction?

A. 1st

B. 2nd

C. 3rd

## Daily Science Trivia

Topic P - Physics -

If a person has a mass of 60 kilograms on Earth, what would his mass be on the moon?

A. 10 kilograms

B. 60 kilograms

C. 120 kilograms

# Daily Science Trivia

Topic P - Physics

# 10

What does the term "Mach 25" mean?

A. 25 times the speed of light B. 25 times the speed of sound

C. 25,000 kilometers per hour

## **Daily Science Trivia**

Topic | P - Physics -

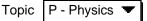
# 11

There are two states of energy. Which one is considered the energy of motion?

A. Potential

B. Kinetic

#### Daily Science Trivia



# 12

What do you call the path followed by an electric current?

A. Circuit

B. Outlet

C. Fuse

Topic P - Physics

# 13

If a car travels 100 miles in 2 hours, what is its speed?

A. 100 mph

B. 50 mph

C. 200 mph

## **Daily Science Trivia**

Topic P - Physics -

# 14

What would an object that weighs 120 pounds on Earth weigh on the moon?

A. 20 pounds

B. 60 pounds

C. 150 pounds

## Daily Science Trivia

Topic P - Physics -

# 15

Does a "waxing" moon look thinner or wider as each night goes by?

Choose:

A. Thinner OR B. Wider

# Daily Science Trivia

Topic P - Physics -

# 16

Which metric unit is used to measure weight?

A. Kilogram

B. Newton

C. Pounds

## **Daily Science Trivia**

Topic P - Physics -

# 17

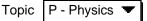
Speedy the Snail can travel 10 centimeters in 5 minutes. How far could he travel in 15 minutes?

A. 10 centimeters

B. 30 centimeters

C. 50 centimeters

#### Daily Science Trivia



# 18

Where would you weigh the most?

A. Earth

B. Moon

C. Jupiter

Topic P - Physics -

# 19

What do we call the rate of change of velocity?

A. Speed B. Momentum

- C. Acceleration

# Daily Science Trivia

Topic P - Physics -

# 20

If one bullet is dropped from a given height and another is fired from a gun horizontally from the same height, which one will hit the ground first?

- A. They will both hit the ground at the same time
  - B. The one that is dropped will hit first C. The one that is fired will hit first