Phys Sci
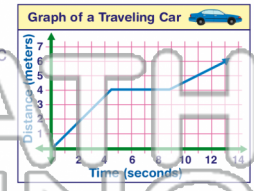
Name_____ Class_____ Date_____

1 A car travels 100 miles in two hours at a **speed** of 50 **miles per hour**. Speed is equal to the distance divided by _____.

A mileage
B calories
C time
D meters

2 Using the graph below, describe the car's movement between **4 seconds** and **8 seconds**.

A stopped in traffic
B moving slowly
C accelerating
D decelerating

Graph of a Traveling Car

3 The curved line shows a boat that is accelerating, or increasing its velocity. The **straight** line shows a boat that is _____.
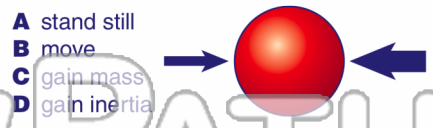
Distance vs. Time

4 The tendency for all objects to have a **difficult time stopping** once they are in motion is called _____.

5

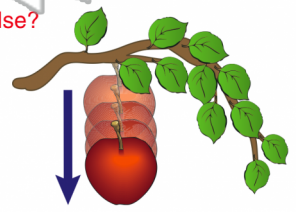**7**

A right to left
B left to right
C upwards
D downwards

15 N   10 N

A stand still
B move
C gain mass
D gain inertia

9 Without air resistance, **gravity** causes all objects to fall at the **same rate**. True or false?

A true
B false

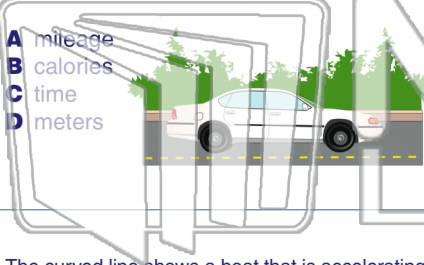**10** In the image below, what **forces** are working **against** the man as he tries to **push** the rock?

A humidity and friction
B gravity and friction
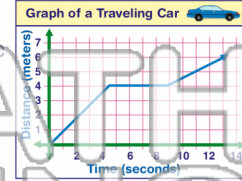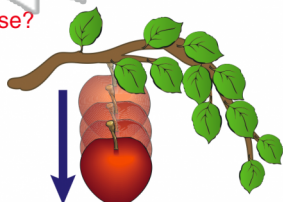C gravity and temperature
D friction and momentum

Name_____ Class_____ Date_____

1 A car travels **100 miles** in two hours at a **speed** of 50 **miles per hour**. Speed is equal to the distance divided by _____.

A mileage
B calories
C time
D meters

C

2 Using the graph below, describe the car's movement between **4 seconds** and **8 seconds**.

A stopped in traffic
B moving slowing
C accelerating
D decelerating

Graph of a Traveling Car

A

3 The curved line shows a boat that is accelerating, or increasing its velocity. The **straight** line shows a boat that is _____. **Distance vs. Time**

4 The tendency for all objects to have a **difficult time stopping** once they are in motion is called _____.

A

5

C

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7

A right to left
B left to right
C upwards
D downwards

15 N   10 N

B

A stand still
B move
C gain mass
D gain inertia

B

9 Without air resistance, **gravity** causes all objects to fall at the **same rate**.
True or false?

A true
B false

A

10 In the image below, what **forces** are working **against** the man as he tries to **push** the rock?

A humidity and friction
B gravity and friction
C gravity and temperature
D friction and momentum

B