Force, motion and energy

Sci D

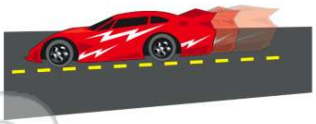
Name _____ Class _____ Date _____

1 _____ is the process in which an **object changes place or position**.

A Speed
B Friction
C Work
D Motion

2 _____ is the **rate** at which an object changes its position.

A work
B motion
C speed
D inertia



3 If accelerate means to go faster, than **decelerate** means to _____.

A slow down
B go even faster
C immediately stop
D change direction

4 A **push** or **pull** upon an object is _____.

A inertia
B friction
C a force
D speed

PREVIEW

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A
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A
B matter and mass
C position and motion
D gravity

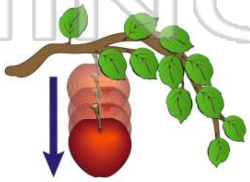
A friction
B inertia
C work
D push

9 _____ is a property of matter referring to the way an object **remains at rest and does not move** unless someone or something forces it to move.

A Speed
B Gravity
C Work
D Inertia

10 What **force** is causing the apple to **fall to the ground** in this picture?

A gravity
B inertia
C magnetism
D a push



ANSWER KEY

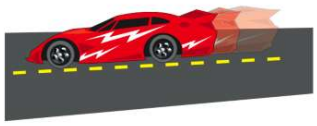
_____ is the process in which an **object changes place or position**.

A Speed
B Friction
C Work
D Motion

d

_____ is the **rate** at which an object changes its position.

A work
B motion
C speed
D inertia



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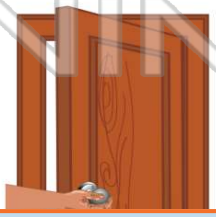
If accelerate means to go faster, than **decelerate** means to _____.

A slow down
B go even faster
C immediately stop
D change direction

a

A **push or pull** upon an object is _____.

A inertia
B friction
C a force
D speed



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A
B
C position and motion
D gravity

B inertia
C work
D push

_____ is a property of matter referring to the way an object **remains at rest and does not move** unless someone or something forces it to move.

A Speed
B Gravity
C Work
D Inertia

d

What **force** is causing the apple to **fall to the ground** in this picture?

A gravity
B inertia
C magnetism
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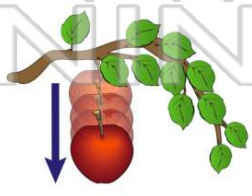

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