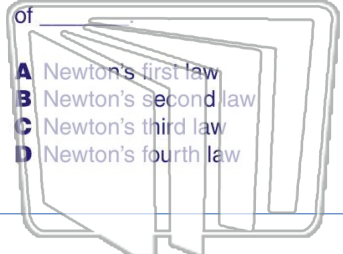




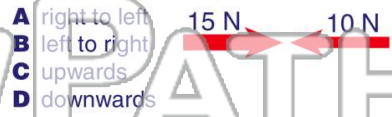
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Objects **remain at rest** until they are pushed, pulled, or lifted. This tendency to remain at rest **until moved** is an example of



- A Newton's first law
- B Newton's second law
- C Newton's third law
- D Newton's fourth law

2 In the diagram below, **movement** will take place in which **direction**?



3 The **net force** to the **right** would increase if \_\_\_\_\_.



4 **Gravity** is a force \_\_\_\_\_.

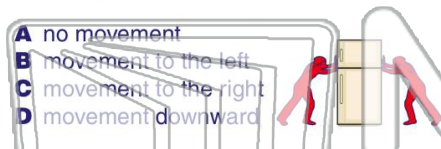
- A that attracts objects



## PREVIEW

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7 directions. Based on the picture, describe the refrigerator's **next movement**.



- A no movement
- B movement to the left
- C movement to the right
- D movement downward

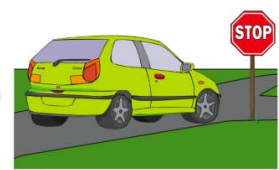
8 directions. If the girl on the right is applying **more force**, describe the refrigerator's next movement.



- A no movement
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9 The tendency for all objects to have a **difficult time stopping** once they are in motion is called \_\_\_\_\_.

- A momentum
- B force
- C acceleration
- D velocity



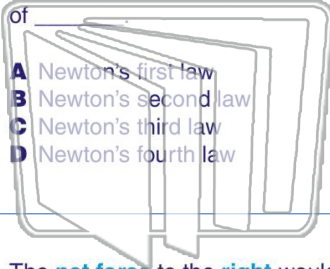
10 Momentum is calculated by multiplying the **mass** of an object by its **velocity**. If the mass of a train engine is **25,000** kilograms and its velocity is **50 mph** then its momentum is \_\_\_\_\_.

- A 1,500,000 kg x mph
- B 1,250,000 kg x mph
- C 1,200,000 kg x mph
- D 1,000,000 kg x mph



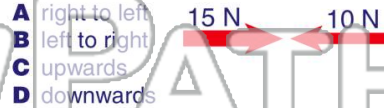
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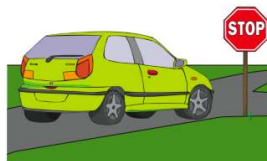
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