

NAME _____

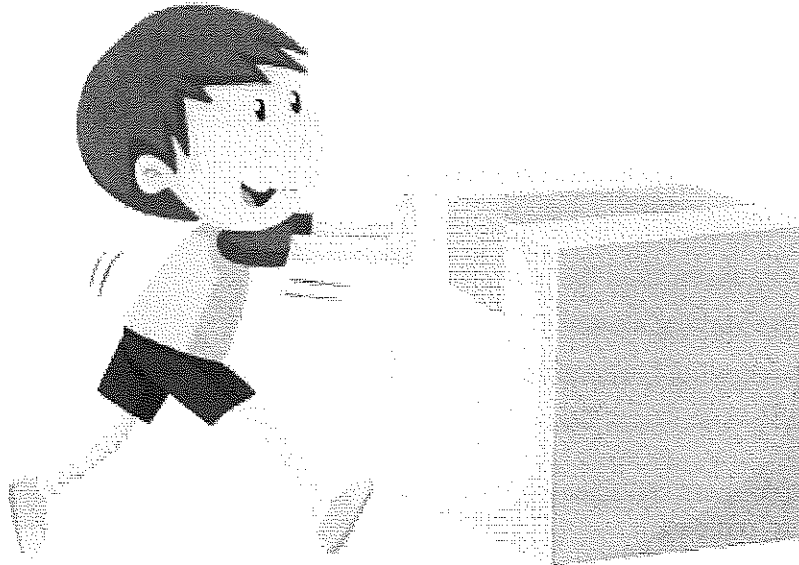
Generation Date: 02/04/2019

Science

Generated By: Lisa Smith

BLIZZARD BAG #3

1. Jacob pushed a box of books across the garage floor, and the box moved forward.



When the box stopped moving, Jacob rested for a moment. Then, he put a force on the box a second time. This time, the box moved forward, but faster and farther than the first time.

What kind of force did Jacob put on the box the second time?

- A. a push with more force
 - B. a pull with more force
 - C. a push with less force
 - D. a pull with less force
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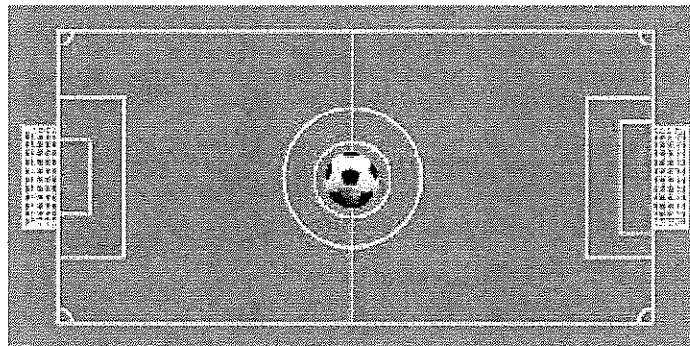
4. Tom designed a way to measure speed by timing his friends as they walked a distance of 15 meters. Tom's data is shown in the table.

Name	Time (in seconds)
Adrian	23
Nate	28
Opal	21
Daisy	31
Tony	27

Why did it take Daisy longer than it took Opal to walk the 15 meters?

- A. Daisy walked faster than Opal.
 - B. Opal walked faster than Daisy.
 - C. Daisy is younger than Opal.
 - D. Opal is shorter than Daisy.
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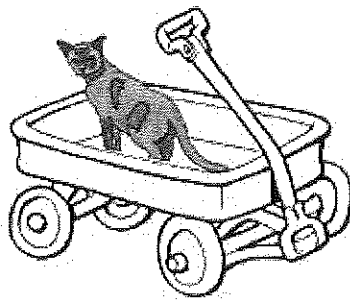
5. A soccer ball is at rest in the center of the field.



If Julia kicks the ball to the right with a large force, what will happen to the ball?

- A. The ball will begin to move to the right.
 - B. The ball will begin to move to the left.
 - C. The ball will move in a zigzag pattern.
 - D. The ball will not move at all.
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8.



house cat

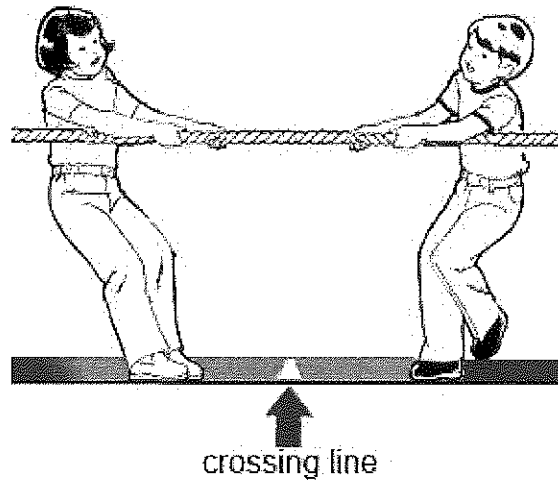


tiger cub

Imagine that a person is pulling a wagon carrying a house cat that weighs 2 kilograms. If the same person uses the same amount of force to pull the same wagon carrying a tiger cub that weighs 20 kilograms, which wagon will move faster?

- A. The lighter wagon will move faster.
 - B. The wagons will move at the same speed.
 - C. The heavier wagon will move faster.
 - D. There is not enough information to tell.
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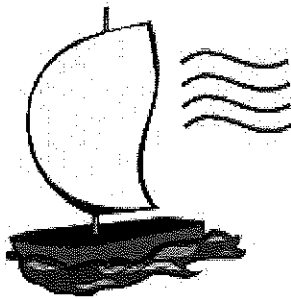
10. Kayla and Thomas are playing tug of war. Both children begin pulling at the same time, but after a few moments, Kayla is pulled over the crossing line.



Which of these explains why Kayla is pulled over the crossing line?

- A. Kayla is pulling with more force than Thomas.
- B. Thomas and Kayla are pulling with the same amount of force.
- C. Thomas is pulling with more force than Kayla.
- D. Neither Kayla nor Thomas are pulling with any force.

11. The wind blows a toy sailboat across a small puddle in one minute.



If the wind blew harder, how much time would take the sailboat to cross the puddle?

- A. There is not enough information to know.
- B. It would take more time.
- C. It would take the same amount of time.
- D. It would take less time.