Forces and Motion

Grade 3 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

1. A dog pulls a sled with a rope. Which way does the sled move?

   it does not move away from the dog toward the dog

2. A ball is thrown straight up. What happens next?

   it keeps going up forever

   it slows, stops, then falls back down

   it stays up in the air

3. One tug-of-war team pulls harder than the other. What happens?

   the rope moves toward the weaker team

   the rope moves toward the stronger team

   the rope stays still

4. A book slides across rough carpet and slows down. Which force slows the book?

   gravity friction magnetism

5. You let go of a ball. Which force makes it fall to the ground?

   friction gravity magnetism

6. Two kids pull a rope with the same force in opposite directions. What happens to the rope?

   it moves toward the right kid

   it does not move

   it moves toward the left kid

7. A cart is pushed harder than before. What happens?

   it slows down it speeds up more it stays still

8. A swing goes back and forth again and again. What can you predict?

- it will come back to the same side
- it will stop at the top and stay there
- it will swing in a circle

9. Which is a pull?

- pressing a doorbell
- kicking a ball away
- opening a drawer toward you

10. A soccer ball is rolling. A player kicks it from the side. What happens?

- it changes direction
- it rolls back toward the kicker
- it keeps rolling the same way

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Answer Key - Grade 3 Science Worksheet - Building Confidence

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