

Worksheet Contributed by TheGoMom

Answer in a complete sentence.

1. 1 Mini-Cooper 1 Land Cruiser. Both cars are going up a steep road. Which vehicle needs to exert greater effort? Why?

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2. 1 big boy and 1 small boy. Which boy will reach the end of the mud slide first? Why?

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3. 1 cylindrical can 1 rectangular can. Which will be easier to push?

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4. Lance and a Sumo Wrestler were each pushing a heavy box. Who can make the heavy box move at a farther distance?

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5. Ben ran around the field from point A to B, B to C then C to A. Did Ben move? Explain.

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7. Mom wants to start training for her 42k marathon. She needs to measure the distance she covers every time she trains. What is the best tool for her? Why?

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8. How does the GPS work?

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9. What is the difference between an odometer and a speedometer?

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10. If Mom was able to run 18km in 2 hours. What is her speed per hour?

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11. What object can travel at the highest speed? Explain.

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12. If an object at rest starts moving to the right. What are the forces moving it to the right? Explain in detail.

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13. The force which pulls the magnets together is called \_\_\_\_\_.

North Pole and South Pole are \_\_\_\_\_ poles. Unlike poles  
\_\_\_\_\_ each other.

14. The force that pushes the magnets apart is called \_\_\_\_\_.

2 north poles and 1 south poles are \_\_\_\_\_ poles. Like poles  
\_\_\_\_\_ each other.

15. A force is not needed to stop an object. True or False? Explain.

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Understand graph. Distance-time graph. Vertical and Horizontal axis. Graph should always have a zero.