

Pulleys Pull Up Review

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Understanding Simple Machines

Name: _____

Date: _____

Answer the following questions about pulleys and how they work.

1. A pulley is a wheel with a ____ where a rope can move.
 2. What do pulleys help us do?

 3. Pulleys can change the direction of force.
 True False
 4. How do more pulleys make lifting easier?
 - A. They make it harder
 - B. They help lift heavier things
 - C. They don't help at all
 5. Pulleys work together just like people do, because ____ are better than one.
 6. Can you name a place where you have seen pulleys?

 7. Pulleys can only be used for lifting heavy objects.
 True False
 8. What is one way that pulleys help people?
 - A. By making lifting harder
 - B. By changing the direction of force
 - C. By making noise
 9. The verse Ecclesiastes 4:9 says, 'Two are better than ____.'
 10. Why is it important to work together like pulleys?
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Answer Key

1. groove 2. They help us lift things more easily. 3. True 4. They help lift heavier things 5. two 6. In a playground on a swing set. 7. False 8. By changing the direction of force 9. one 10. Because we can accomplish more together.