

# Ramps Make It Easy Review

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## Understanding Simple Machines

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the questions below based on what you learned about ramps and how they help us move objects more easily.

1. A ramp is an \_\_\_\_ that helps us move objects more easily.
2. What happens when a ramp is steeper?
  - A. It requires less effort
  - B. It requires more effort
  - C. It doesn't help at all
3. Name one place where you have seen a ramp.  
\_\_\_\_\_
4. Ramps help by spreading out the work over a longer distance.  
 True     False
5. What did God give us to help us solve problems intelligently?
  - A. Strength
  - B. Wisdom
  - C. Speed
6. Changing a ramp's angle affects the \_\_\_\_ needed to move an object.
7. Why might a ramp be easier to use than lifting something straight up?  
\_\_\_\_\_  
\_\_\_\_\_
8. Inclined planes are one of the six classic simple machines.  
 True     False
9. How do ramps help us move objects?
  - A. By making them heavier
  - B. By reducing the force needed
  - C. By making them smaller
10. According to Proverbs 8:12, wisdom dwells with \_\_\_\_ and finds out knowledge.

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### Answer Key

1. inclined plane    2. It requires more effort    3. At the playground.    4. True    5. Wisdom    6. effort    7. Because it spreads out the work and requires less strength.    8. True    9. By reducing the force needed    10. prudence