

# Bicycle Machines Review

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## Understanding Simple Machines in a Bicycle

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

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

Answer the following questions based on what you learned about bicycles and simple machines.

1. What type of simple machine are the wheels on a bicycle?

- A. Pulleys
- B. Circular levers
- C. Screws

2. The \_\_\_ transfer human power to move the bicycle.

3. How do the different parts of a bicycle work together?

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4. What do screws do in a bicycle?

- A. Hold parts together
- B. Help the wheels turn
- C. Control the pedals

5. Match the part of the bicycle to its function.

Chain

Reduce friction

Wheels

Transfer power

6. The chain is a type of lever.

True

False

7. God gives us \_\_\_ to design and create machines.

8. What would happen if one part of the bicycle wasn't working correctly?

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9. Which simple machine helps hold different parts of the bicycle together?

- A. Lever
- B. Screw
- C. Pulley

10. Name two simple machines you found in a bicycle.

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### Answer Key

1. Circular levers 2. pedals 3. They help the bicycle move smoothly and efficiently. 4. Hold parts together 5. Transfer power 6. False 7. wisdom 8. The bike may not move or could be dangerous to ride. 9. Screw 10. Wheels and pedals.