Compare Engineering Solutions

Grade 5 Science Worksheet - Building Confidence

Name _____ Date _____

Read each requirement. Circle whether it is a criterion or a constraint.

1. The windmill must spin in a light breeze.
   criterion constraint

2. It can be no longer than 30 centimeters.
   criterion constraint

3. Only one person can work at a time.
   criterion constraint

4. You get only one sheet of foil.
   criterion constraint

5. No materials may be bought.
   criterion constraint

6. You must use recycled materials.
   criterion constraint

7. The bridge must hold 10 pounds.
   criterion constraint

8. The size must be smaller than a desk.
   criterion constraint

9. The chair must support a person.
   criterion constraint

10. It must be finished by Friday.
    criterion constraint

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Answer Key - Grade 5 Science Worksheet - Building Confidence

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