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 package must protect an egg when dropped.
   criterion constraint

2. The filter must make water clearer.
   criterion constraint

3. You have only two days to build it.
   criterion constraint

4. The shelter must keep rain out.
   criterion constraint

5. You may use no more than 10 straws.
   criterion constraint

6. The tower must be at least 30 centimeters tall.
   criterion constraint

7. The budget is 20 dollars.
   criterion constraint

8. The cup holder must fit a standard cup.
   criterion constraint

9. You have just 30 minutes.
   criterion constraint

10. The box must hold five books.
    criterion constraint

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Answer Key - Grade 5 Science Worksheet - Building Confidence

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

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   criterion constraint

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   criterion **constraint**

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    criterion constraint