Compare Engineering Solutions

Grade 5 Science Worksheet - Challenge Me

Name _____ Date _____

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

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

2. The chair must support a person.
   criterion constraint

3. It must be finished by Friday.
   criterion constraint

4. It must be made from three materials or fewer.
   criterion constraint

5. You can spend no more than 15 dollars.
   criterion constraint

6. The container must keep water cold for an hour.
   criterion constraint

7. The wheel must turn easily.
   criterion constraint

8. The project must cost less than 5 dollars.
   criterion constraint

9. Tools are limited to scissors and a ruler.
   criterion constraint

10. The robot must pick up a cup.
    criterion constraint

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Answer Key - Grade 5 Science Worksheet - Challenge Me

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

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