Compare Engineering Solutions

Grade 5 Science Worksheet

Name _____ Date _____

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

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

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

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

4. The team has only two members.
   criterion constraint

5. It must fit in a shoebox.
   criterion constraint

6. It must be built with materials from the classroom.
   criterion constraint

7. The lamp must light a desk.
   criterion constraint

8. The pump must lift water 1 meter.
   criterion constraint

9. The ramp must let a ball roll down smoothly.
   criterion constraint

10. The car must roll at least 3 meters.
    criterion constraint

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Answer Key - Grade 5 Science Worksheet

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