Compare Engineering Solutions

Grade 5 Science Worksheet

Name _____ Date _____

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

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

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

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

4. The model can weigh no more than 1 kilogram.
   criterion constraint

5. You may not use electricity.
   criterion constraint

6. You cannot use glue.
   criterion constraint

7. The bag must not tear when full.
   criterion constraint

8. The package must protect an egg when dropped.
   criterion constraint

9. The filter must make water clearer.
   criterion constraint

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

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Answer Key - Grade 5 Science Worksheet

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