Compare Engineering Solutions

Grade 5 Science Worksheet

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

Scan to get this marked free. No screen time for your child.
Print it · do it in pencil · scan it · PencilGo picks the next sheet.

Compare Engineering Solutions

Answer Key - Grade 5 Science Worksheet

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