Compare Engineering Solutions

Grade 5 Science Worksheet

Name _____ Date _____

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

1. The windmill must spin in a light breeze.
   criterion constraint

2. It can be no longer than 30 centimeters.
   criterion constraint

3. Only one person can work at a time.
   criterion constraint

4. You get only one sheet of foil.
   criterion constraint

5. No materials may be bought.
   criterion constraint

6. You must use recycled materials.
   criterion constraint

7. The bridge must hold 10 pounds.
   criterion constraint

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

9. The chair must support a person.
   criterion constraint

10. It must be finished by Friday.
    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 windmill must spin in a light breeze.
   criterion constraint

2. It can be no longer than 30 centimeters.
   criterion **constraint**

3. Only one person can work at a time.
   criterion **constraint**

4. You get only one sheet of foil.
   criterion **constraint**

5. No materials may be bought.
   criterion **constraint**

6. You must use recycled materials.
   criterion **constraint**

7. The bridge must hold 10 pounds.
   criterion constraint

8. The size must be smaller than a desk.
   criterion **constraint**

9. The chair must support a person.
   criterion constraint

10. It must be finished by Friday.
    criterion **constraint**