Compare Engineering Solutions

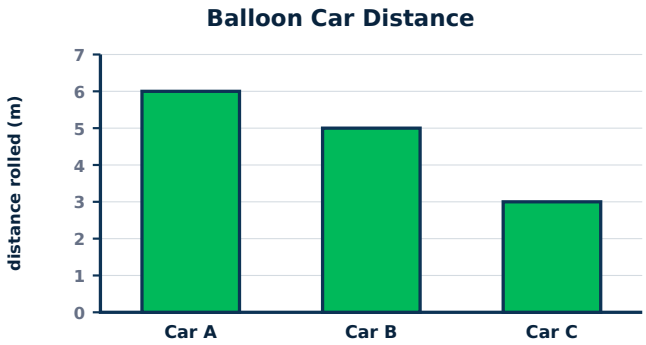
Grade 4 Science Worksheet

Name _____ Date _____

Circle the answer.

1. Two kites both meet the flight goal. Kite A takes 20 minutes to build; Kite B takes 60 minutes. The class has 30 minutes. Which should they build?
   neither kite Kite B Kite A both kites

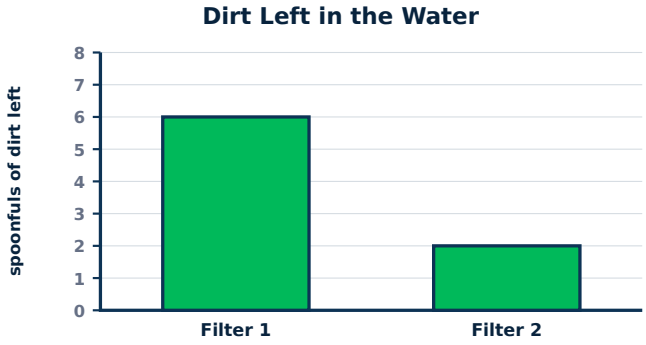
2. Criteria: roll at least 4 m. Constraint: cost $3 or less. Car A: 6 m, $4. Car B: 5 m, $2. Car C: 3 m, $1. Which car meets both?



   Car B Car C all three cars Car A

3. Why do engineers build and test more than one design?
   so every design is the same
   to use up all the materials
   to find which design meets the goals best
   to make the project take longer

4. Two water filters were tested. Which filter made the cleanest water?



   Filter 1 neither cleaned the water Filter 2 they were the same

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.

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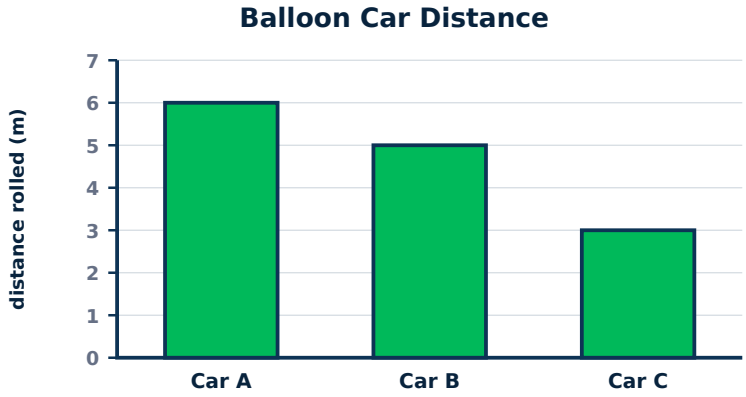
Answer Key - Grade 4 Science Worksheet

Circle the answer.

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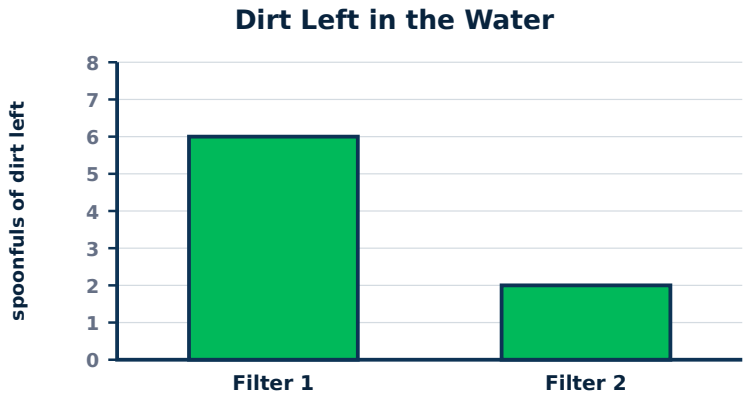
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