Compare Engineering Solutions

Grade 4 Science Worksheet - Building Confidence

Name _____ Date _____

Circle the answer.

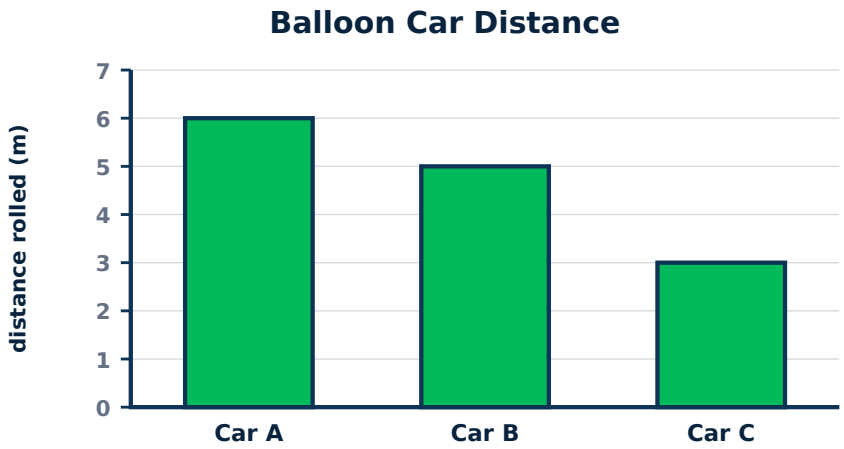
1. Two towers both hold a book. Tower A used 20 straws. Tower B used 12 straws. The limit is 15 straws. Which tower meets the limit?

   both towers Tower A Tower B

2. Tower A is 60 cm tall but falls in a fan's wind. Tower B is 50 cm tall and stays up. The goal: at least 45 cm and stays up in wind. Which is better?

   Tower B they are equally good Tower A

3. 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 A Car C Car B

4. Two paper kites flew. Kite A flew for 2 minutes. Kite B flew for 30 seconds. Which kite flew longer?

   Kite B Kite A they flew the same time

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Answer Key - Grade 4 Science Worksheet - Building Confidence

Circle the answer.

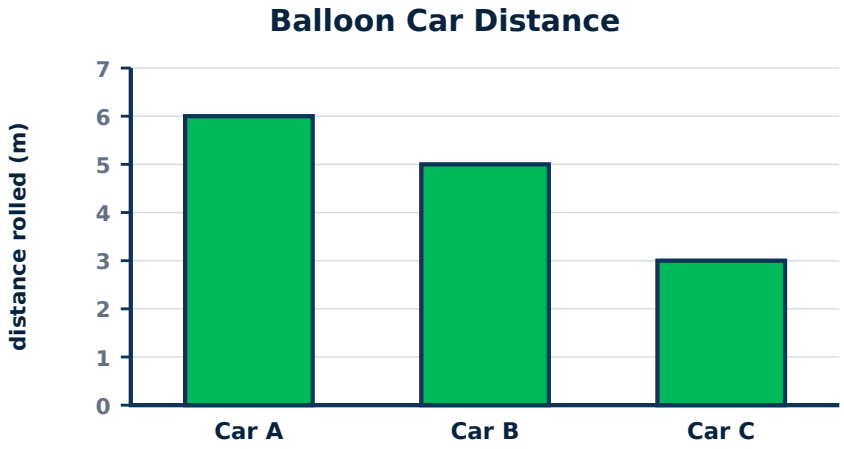
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