Engineering Design

Grade 2 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

1. Clip A kept 5 cards on the table. Clip B kept 9. The goal is 12. What should the team do next?

   choose Clip A

   improve Clip B, the one that kept more

   stop because Clip B is done

2. The rule is to not touch the car after it is let go. Which plan breaks the rule?

   making the ramp lower

   stopping the car with a hand

   using a rougher mat

3. A class compares two mats on a ramp. What should be the same for both?

   the kind of mat

   the color of the mat

   the car and the ramp height

4. Which question helps the team understand the problem "lunch cards blow away"?

   What color are the cards?

   How many cards are in the box?

   How strong is the wind outside?

5. Bridge A held 5 blocks. Bridge B held 9 blocks. How many more blocks did Bridge B hold?

   5 4 14

6. Mat A stopped the car 8 cm past the line. Mat B stopped it 3 cm past. The goal is to stop at the line. What next?

   move the line

   choose Mat A

   improve Mat B, the one that stopped closer

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Answer Key - Grade 2 Science Worksheet - Challenge Me

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