Engineering Design

Grade 2 Science Worksheet - Challenge Me

Name _____ Date _____

Circle the answer.

1. Bridge A held 4 blocks. Bridge B held 6. The goal is 8. What should the team do next?
   - stop because Bridge B is done
   - improve Bridge B, the one that held more
   - choose Bridge A

2. The rule is to use one cup of water. Which plan breaks the rule?
   - pouring in half a cup of water
   - pouring in two cups of water
   - pouring in one cup of water

3. A class compares two mats on a ramp. What should be the same for both?
   - the car and the ramp height
   - the color of the mat
   - the name of the builder

4. Which question helps the team understand the problem "soil washes down a slope"?
   - What color is the fence?
   - How many chairs are nearby?
   - How hard does the rain fall?

5. Shelf A held 6 books. Shelf B held 12 books. How many more books did Shelf B hold?
   12 6 5

6. Plan A kept 3 books on the shelf. Plan B kept 7. The goal is 10. What should the team do next?
   - choose Plan A
   - stop because Plan B is done
   - improve Plan B, the one that held more

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Answer Key - Grade 2 Science Worksheet - Challenge Me

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