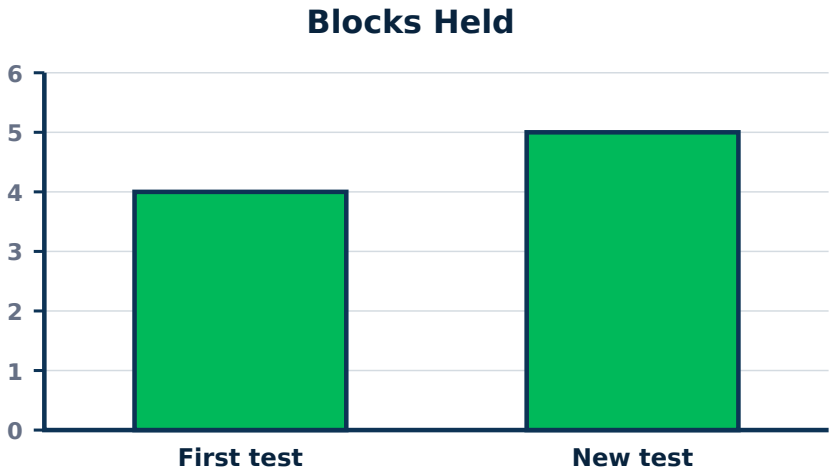
Build and Test a Design

Grade 1 Science Worksheet

Name _____ Date _____

Circle the answer, or write the answer on the line.



1. What does the graph show?

   The new design held more.

   The first design held more.

   Both designs held the same.

2. How many more blocks did the new bridge hold than the first one?

   _____

3. A tower of cups falls over. Which change helps?



   Use a wider bottom. Make it taller. Add more cups on top.

4. What should stay the same when you test again?

   the goal how many blocks it held the support you add

5. Which material is best for a kite?



   thick metal light paper heavy wood

6. Sam's boat sank. What should he do?



Use a heavier material.

Add more weight to it.

Try a material that floats.

7. Why do we test a design?

to see if it works to make it heavier to make it taller

8. A bridge must hold 5 blocks. Which sentence is the goal?



Be the tallest bridge. Use strong paper. Hold 5 blocks.

9. Which is the right order?

test, fix, plan, build plan, build, test, fix build, plan, fix, test

10. The bridge goal is 5 blocks. It held 4. What does the test show?

The design needs to be fixed.

The goal was met.

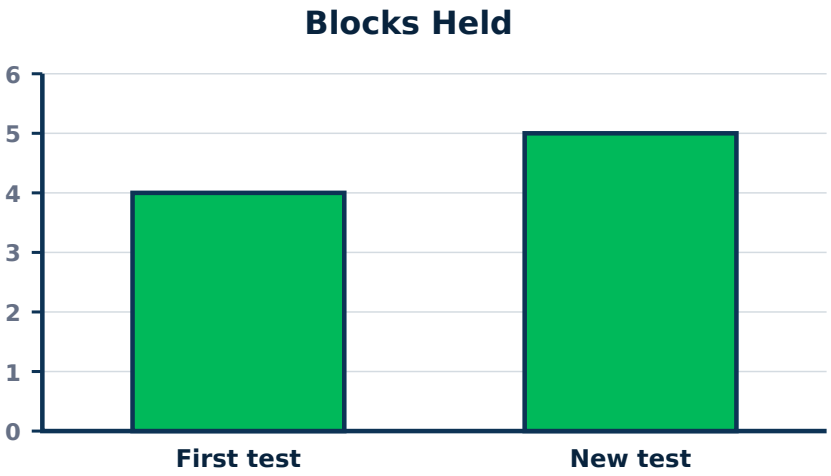
The bridge needs less weight.

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Answer Key - Grade 1 Science Worksheet

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