Science and technology · Grade 5

Strong or weak structures

Use test results to compare two shapes.

Name _____ Date _____

Read or look closely

A flat sheet across two books holds 2 counters before bending. An identical accordion-folded sheet holds 7. The books are the same distance apart.

Your turn

1. Which sheet carries more counters?

2. How many more counters does it hold?

3. Think about how each sheet is set up. How are their shapes different?

4. Name one thing kept the same.

5. Suggest a third shape and how to test it fairly.