MATH

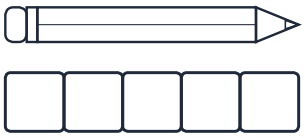
Measure with cubes and paper clips

Name _____ Date _____

I can measure length with cubes and paper clips.

1 How it works

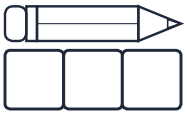
Lay same-size units end to end, starting at one end. Leave no gaps and no overlaps. Count the units to find the length, such as 5 cubes long.



= 5 cubes

2 How many cubes long?

Count the cubes under each one.

1.  ____ cubes

2.  ____ cubes

3.  ____ cubes

4.  ____ cubes

How did I do? ☆ ☆ ☆

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Measure with paper clips

Name _____ Date _____

I can measure with paper clips laid end to end.

1 How many paper clips long?

No gaps, no overlaps.

1.  ☐ paper clips

2.  ☐ paper clips

3.  ☐ paper clips

4.  ☐ paper clips

2 Compare

1. Which is longer, the crayon or the ribbon? ☐
2. How many paper clips longer is the straw than the stick? ☐
3. Which one on this page is the shortest? ☐

How did I do? ☆ ☆ ☆

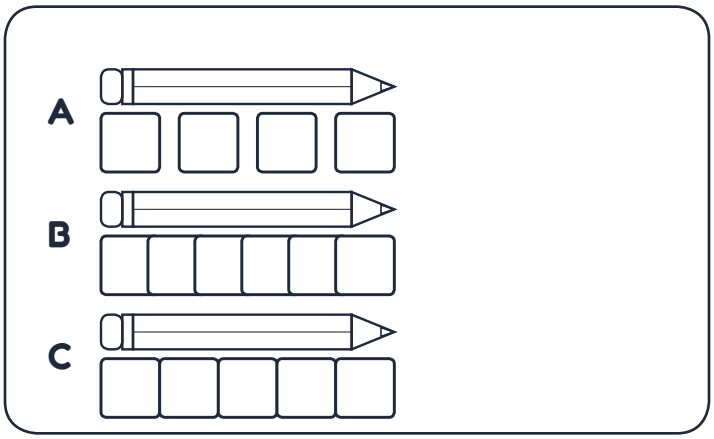
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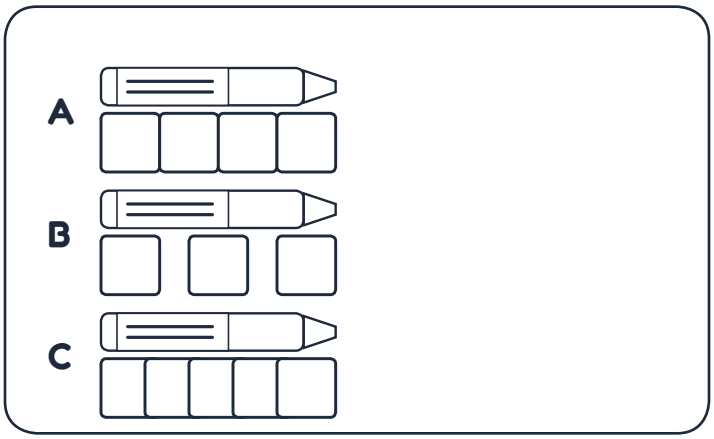
Measure the right way

Name _____ Date _____

I can line up units with no gaps and no overlaps.

1 Circle the one that is measured the right way





2 Color the cubes

Start at the left.

Color 6 cubes.

Color 9 cubes.

Color 4 cubes.

How did I do? ☆ ☆ ☆

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Word problems

Name _____ Date _____

I can solve problems about length.

1 Read, think, answer

1 Omar's pencil is 7 cubes long. Zara's pencil is 5 cubes long. How many cubes longer is Omar's pencil?

Answer: _____

2 A worm is 4 paper clips long. A snake is 9 paper clips long. Which is longer?

Answer: _____

3 Sam measured a book with cubes but left gaps between them. Is the answer too big or too small?

Answer: _____

4 A crayon is 3 cubes long. How many cubes long are two crayons end to end?

Answer: _____

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: measure with cubes and paper clips

1 Page 1

How many cubes long: 1) 3 cubes, 2) 5 cubes, 3) 8 cubes, 4) 9 cubes.

2 Page 2

Paper clips: 1) 5, 2) 3, 3) 4, 4) 2.
Compare: 1) the crayon 2) 2 3) the stick.

3 Page 3

Measured the right way: left box C, right box A (the others have gaps or overlaps).
Color the cubes: 1) 6 cubes in a row, 2) 9 cubes in a row, 3) 4 cubes in a row.

4 Page 4: word problems

1) 2 cubes longer (7 − 5 = 2)
2) The snake (9 paper clips)
3) Too big. Gaps let you use more cubes than the book is long. Line the cubes up with no gaps.
4) 6 cubes (3 + 3 = 6)

5 Teaching tip

Give children real cubes or paper clips to lay on the pictures. Ask them to explain why gaps or overlaps give the wrong answer.

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