Measure With Fraction Strips

Print at actual size, the same way each time. Lay the piece along each bar, end to end, with no gaps and no overlaps. Write how many fit and the fraction.

Piece $\frac{1}{6}$



How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{4}$



How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{6}$



How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{3}$



How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{8}$



How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{6}$



How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

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Piece $\frac{1}{4}$

How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{8}$

How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{3}$

How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{8}$

How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{6}$

How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{8}$

How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Measure With Fraction Strips

Print at actual size, the same way each time. Lay the piece along each bar, end to end, with no gaps and no overlaps. Write how many fit and the fraction.

Piece $\frac{1}{2}$



How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{8}$



How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{4}$



How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{8}$



How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{6}$



How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

Piece $\frac{1}{8}$

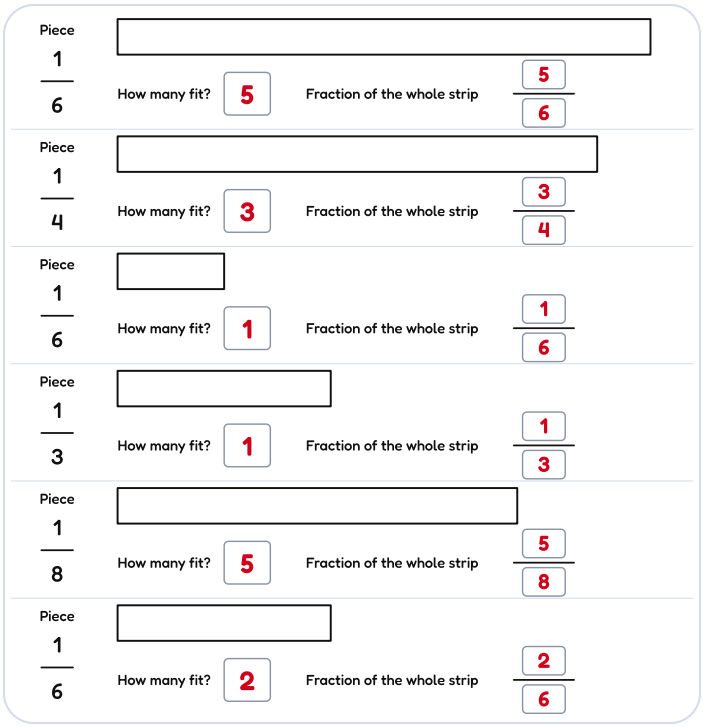


How many fit? ☐ Fraction of the whole strip $\frac{\square}{\square}$

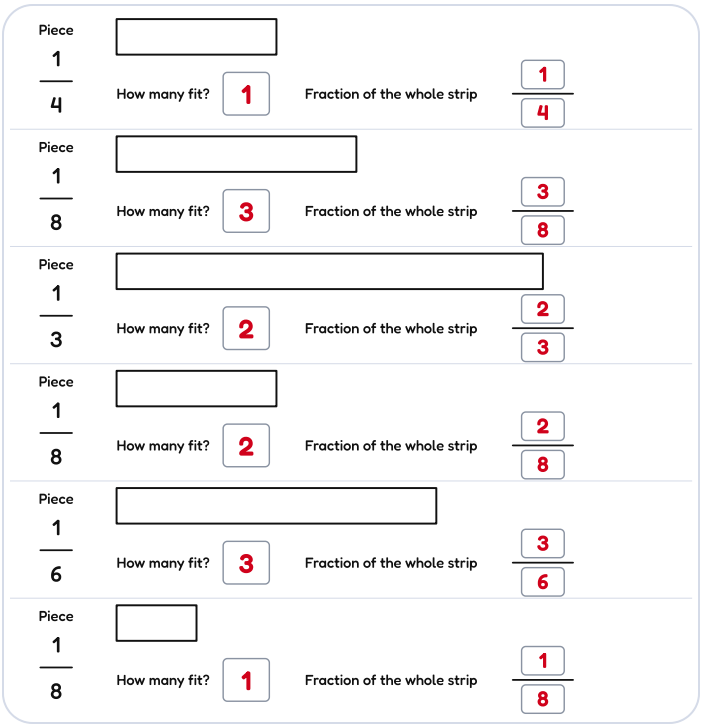
Measure With Fraction Strips: Answer Key

For the grown-up. Each answer is written in its box, in red.

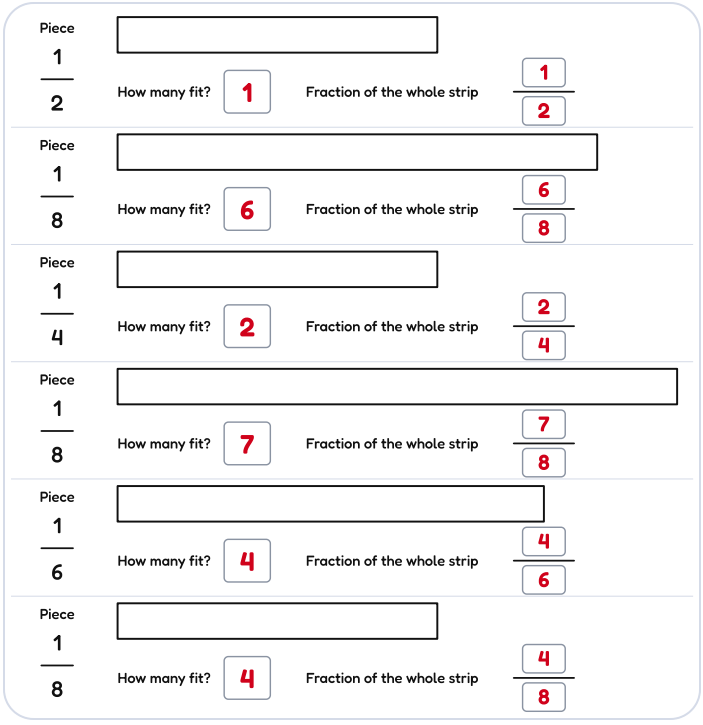
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For Grown-Ups: How to Use These Worksheets

Print the strips first and cut them out, because this sheet uses the cut-out set.
Print both at actual size, the same way each time. For third grade, when Common Core and Texas both work with denominators 2, 3, 4, 6, and 8.

Why use it

A fraction strip is a length, so a piece works like a small ruler. The bars have no marks inside so your child has to lay the pieces, because the Institute of Education Sciences fractions guide warns against “simply counting parts” of a strip and has students measure with strips instead. If you learned fractions as a top and a bottom number, this way will look different.

What it is good for

- Laying equal pieces end to end with no gaps and no overlaps.
- Seeing a fraction as so many pieces of one size.

How to use it

1. Keep the whole strip on the table, and find the piece named beside the bar.
2. Your child lays that piece along the bar, end to end from the left edge, until the pieces reach the end of the bar.
3. Count how many fit and write the number in the first box.
4. Move the pieces to the whole strip, ask how much of it they cover, and write the fraction in the two boxes.
5. Check with the answer key, where the answers are in red.

> **Try saying:** “How much of the whole strip is this?”

Tip: If the pieces do not reach the end of a bar, check that both sheets were printed at actual size, not fit to page.