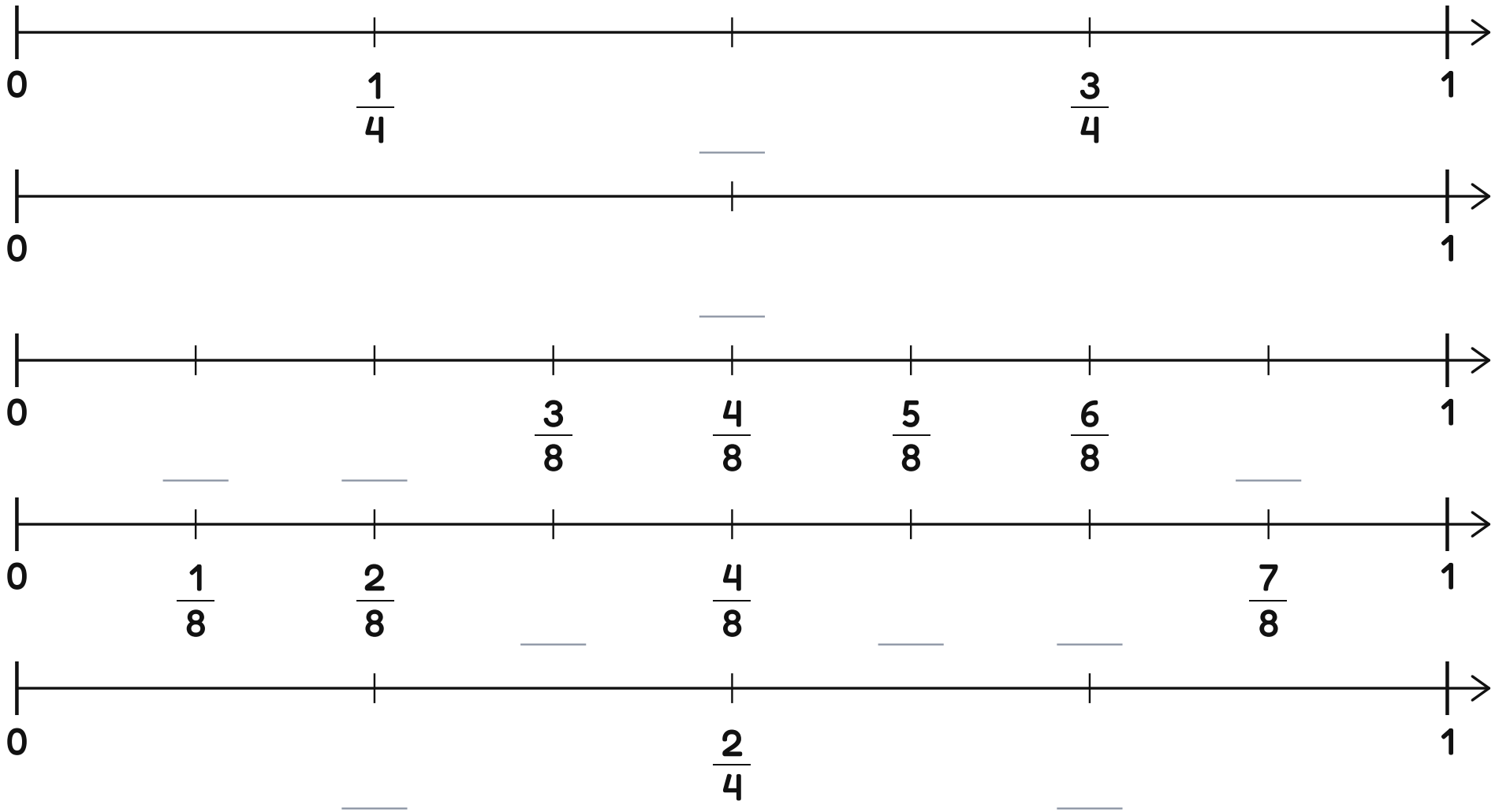
Label Fractions on a Number Line: Halves, Fourths, and Eighths

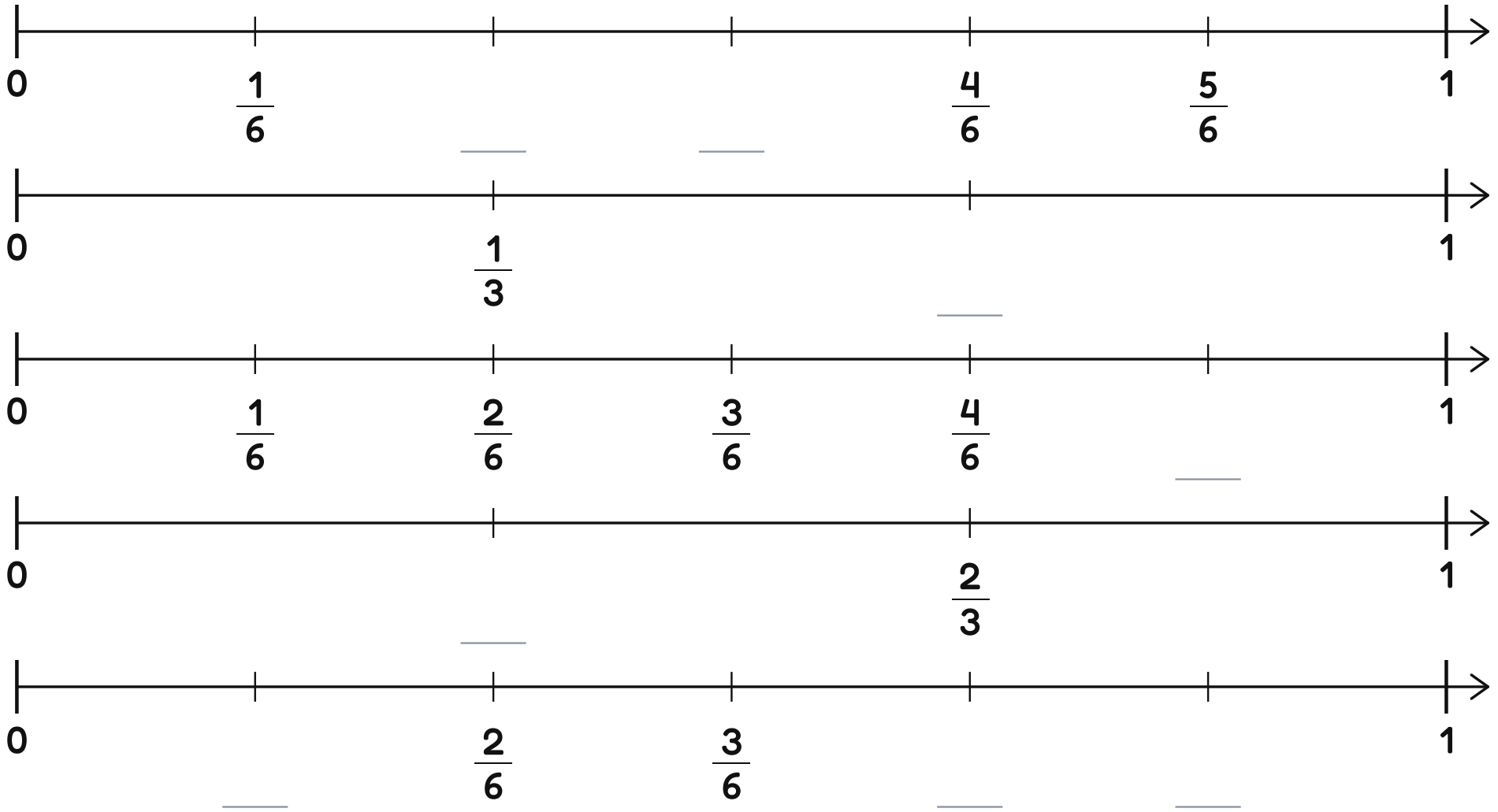
Write the fraction at each blank mark. Count the equal spaces from 0.



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Label Fractions on a Number Line: Thirds and Sixths

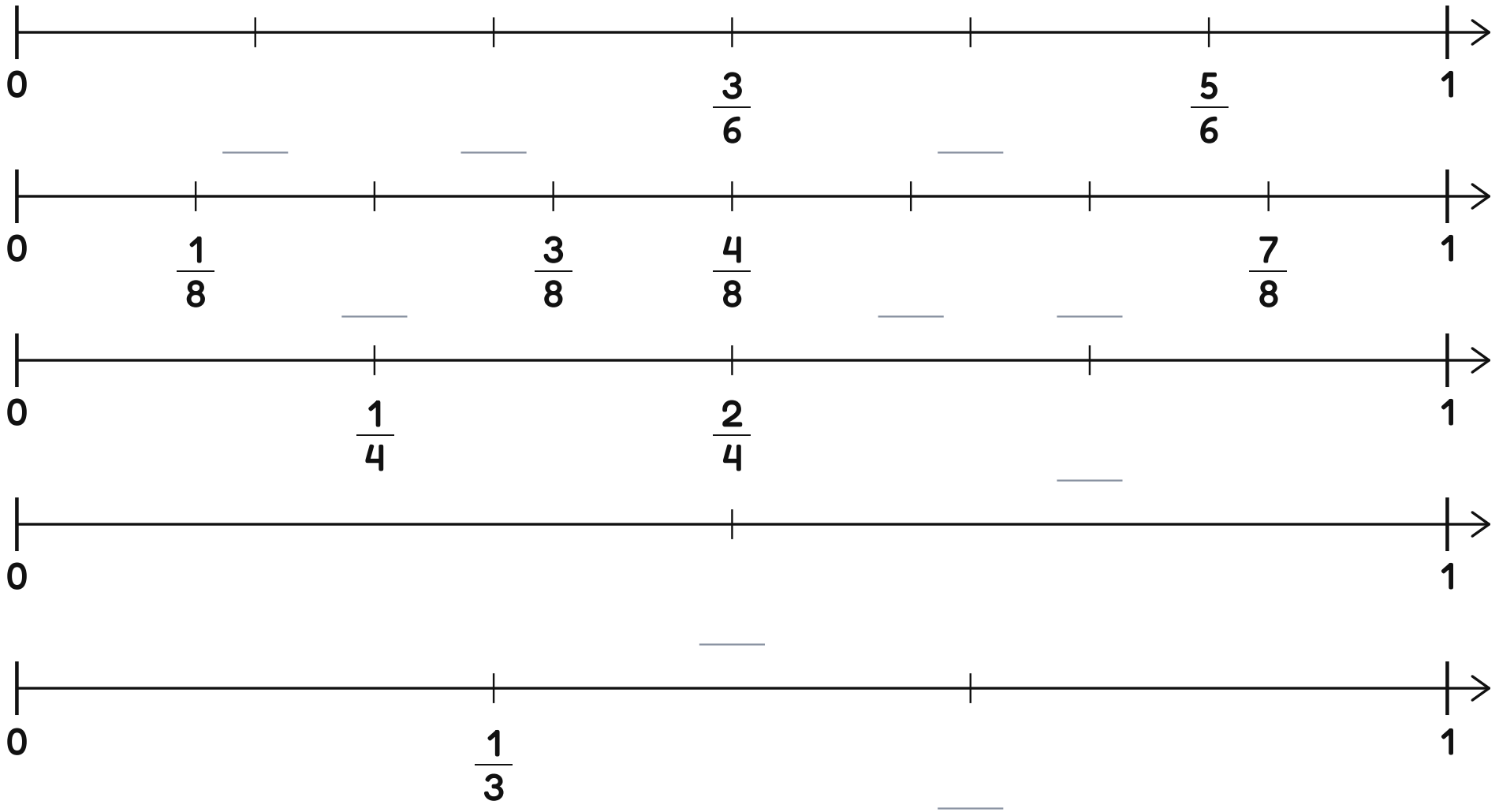
Write the fraction at each blank mark. Count the equal spaces from 0.



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Label Fractions on a Number Line: All Five

Write the fraction at each blank mark. Count the equal spaces from 0.

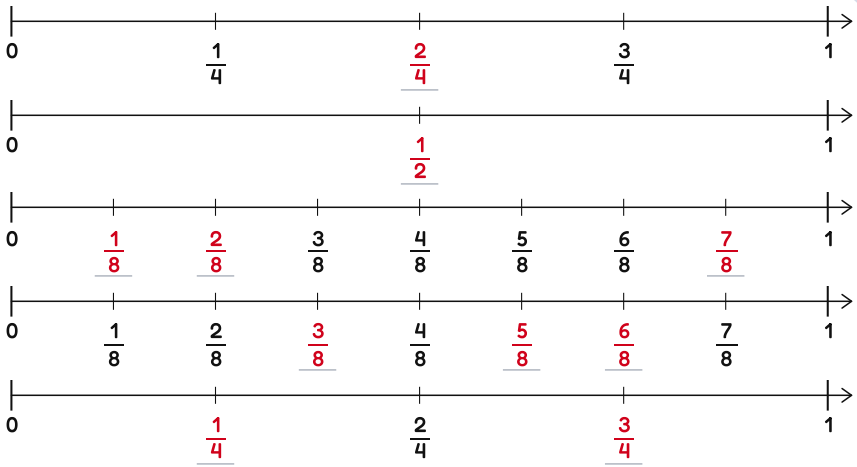


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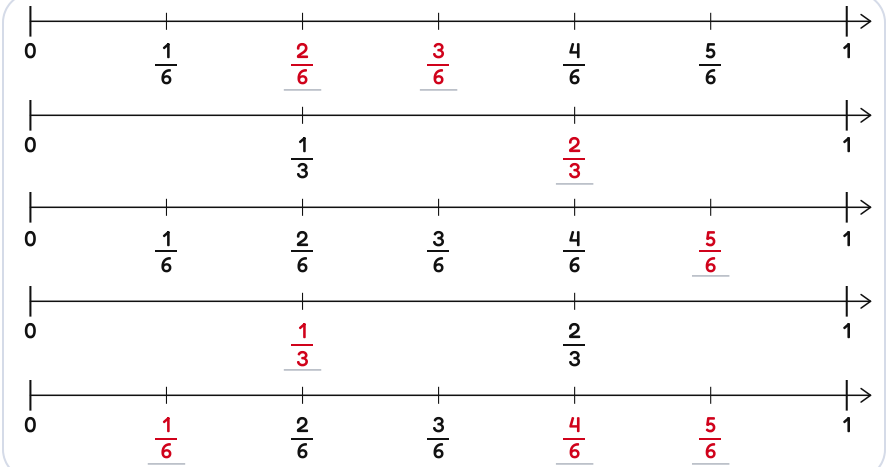
Label Fractions on a Number Line: Answer Key

For the grown-up. Each red fraction sits where your child writes it.

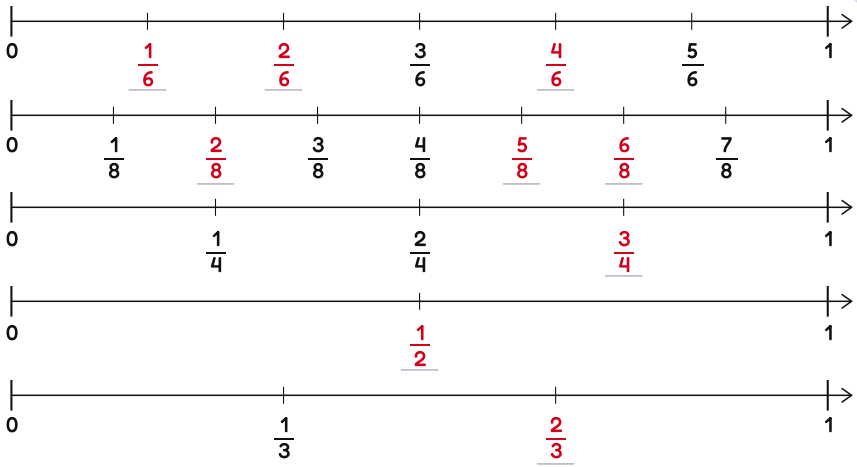
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For Grown-Ups: How to Use These Worksheets

One page at a sitting: name the whole, then write the fraction at each blank mark.
For third grade.

Why use it

A fraction on a number line is a distance from 0, counted in equal spaces. The bottom number says how many equal spaces the whole is cut into, and the top number says how many spaces to count from 0. Common Core and Texas both teach it on a line in third grade (3.NF.A.2a, 3.NF.A.2b; TEKS 3.3(B)). If you learned fractions as slices of a pie, this will look different: your child names a point instead of a piece.

What it is good for

- Naming the point where a count of equal spaces stops.
- Reading a line's denominator from the spaces between 0 and 1.

How to use it

1. Say where the whole is: point to 0 and to 1.
2. Count the equal spaces between them aloud, and say the denominator.
3. Put a finger on 0 and count to the blank mark, saying a number only when the finger lands.
4. Write the count as the top number and the spaces in the whole as the bottom number.
5. Check with the answer key, where each fraction is in red.

> **Try saying:** “How many equal spaces is the whole? How many spaces from 0 to this mark?”

Tip: The key keeps each line's own denominator. If your child writes 1/2 where it says 2/4, both are right: they are the same point.