

## Fractions on Number Lines

① Write the fraction of the shaded area.



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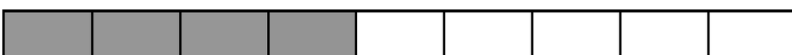
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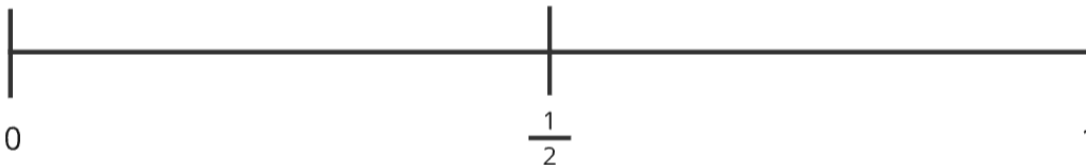


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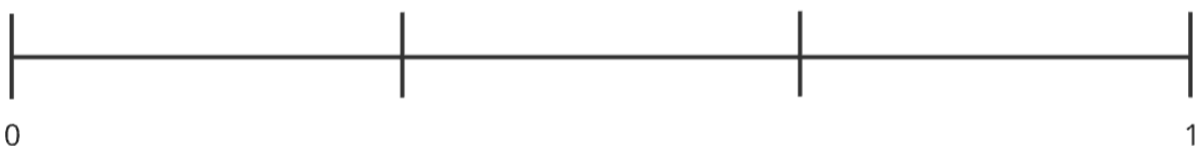


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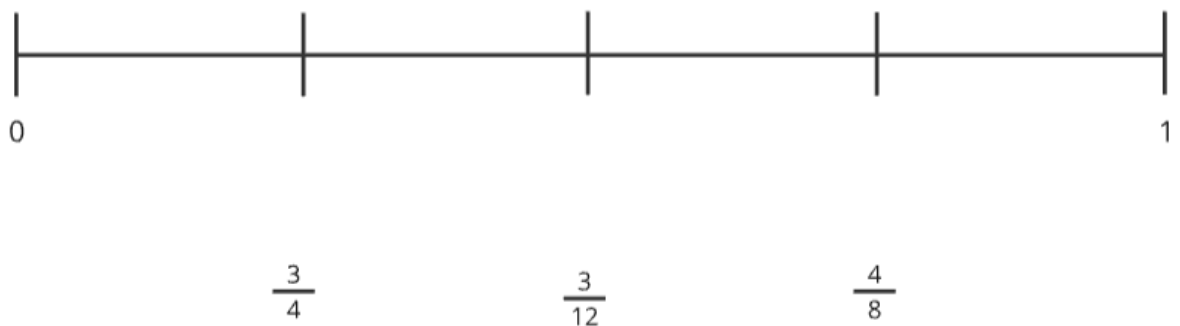
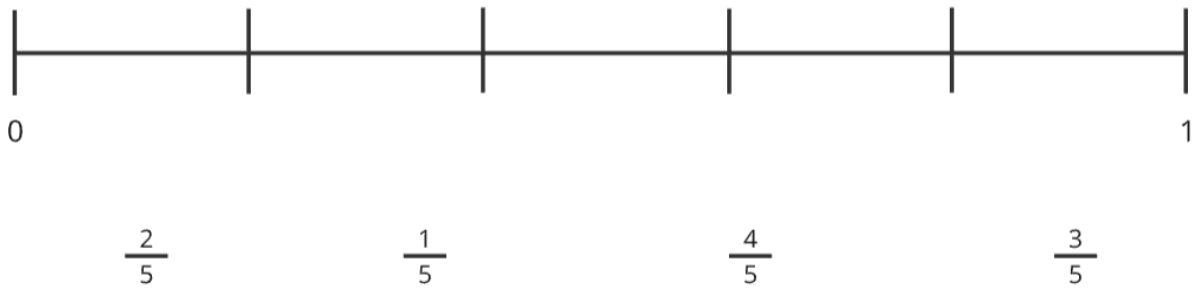
Next, we want to complete some number lines with fractions. To find the denominator (bottom) we can ask the following question: Between 0 and 1, into how many pieces is the number line divided? The number line in our example is divided into 2 pieces between 0 and 1. Therefore, the denominator has to be 2. The numerator is counted through: At the first line we would write 0 as the numerator, which makes the whole fraction equal to 0. On the second line the numerator is 1. And on the last line the numerator is 2. Because the numerator and the denominator are both 2 and therefore the same number, it is equal to 1.



② Complete the following number lines.



- ③ Connect the fractions to their correct place on the number line.



- ④ On the number line, mark approximately where the following fractions are located. Write the fraction in its simplest form underneath.

$\frac{1}{2}$        $\frac{3}{12}$        $\frac{4}{6}$        $\frac{8}{10}$

