

## FRACTIONS & DECIMALS

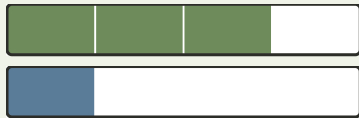
Relationship Lab • Subtract with a Shared Unit

Objective: *Subtract fractions that share a unit, and subtract decimal hundredths.*

**DO THIS** Make sure both fractions share a unit, then subtract the numerators.

**SHARED UNIT** Same denominator → subtract the numerators.

EXAMPLE



The unit is fourths.

$$\frac{3}{4} - \frac{1}{4} = \frac{2}{4}$$

**MODEL THE DIFFERENCE** Cross out the parts subtracted, then write the difference.

1



$$\frac{2}{8} - \frac{1}{8} = \square$$

2



$$\frac{3}{6} - \frac{2}{6} = \square$$

3



$$\frac{3}{4} - \frac{1}{4} = \square$$

4



$$\frac{10}{12} - \frac{8}{12} = \square$$

**INDEPENDENT PRACTICE** Subtract. Keep the same unit.

1  $\frac{8}{10} - \frac{2}{10} = \square$

2  $\frac{4}{4} - \frac{2}{4} = \square$

3  $\frac{4}{6} - \frac{1}{6} = \square$

4  $\frac{3}{10} - \frac{2}{10} = \square$

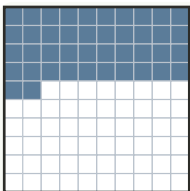
5  $\frac{3}{4} - \frac{2}{4} = \square$

6  $\frac{2}{4} - \frac{1}{4} = \square$

7  $\frac{8}{12} - \frac{2}{12} = \square$

8  $\frac{10}{12} - \frac{6}{12} = \square$

**DECIMAL HUNDREDTHS** Each small square is one hundredth. The shaded squares show the difference.



$$1.00 - 0.58 = \square$$

The unit (denominator):  stayed the same  told me the part size

TEACHER EDITION

## FRACTIONS & DECIMALS

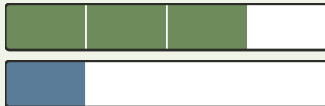
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**INDEPENDENT PRACTICE** Subtract. Keep the same unit.

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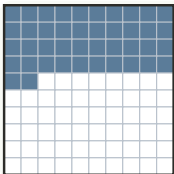
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8  $\frac{10}{12} - \frac{6}{12} = \frac{4}{12}$

**DECIMAL HUNDREDTHS** Each small square is one hundredth. The shaded squares show the difference.



$$1.00 - 0.58 = \underline{0.42}$$

**TEACHER NOTES** Answer key & guidance

Answers: numerator differences over the shared denominator  
Common error: Subtracting the denominators too

Strategy: Subtract numerators; the denominator names the unit  
Prompt: "What is the unit being counted?"

The unit (denominator):  stayed the same  told me the part size