

NAME: _____



Purpose

To find differences that involve regrouping with fractions that have unlike denominators

Math Words

difference

To find the difference between 8 and 17 you can subtract and get 9.

rename

You can rename $\frac{3}{2}$ as $1\frac{1}{2}$ because they are equivalent.

common denominator

$\frac{5}{6}$ and $2\frac{1}{6}$ have a common denominator, which is 6.

Starter Problem

Find the difference. Think about the meaning.

$$2 - \frac{1}{8} = \underline{\hspace{2cm}}$$

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Find the difference. Think about the meaning.

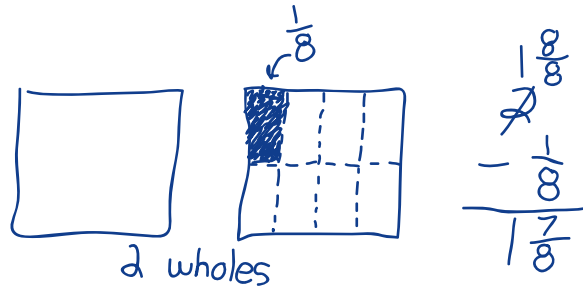
$$2 - \frac{1}{8} = \underline{\hspace{2cm}}$$

Student Thinking



Nathan

I used two whole fraction pieces and covered up one eighth of one whole. The difference is one and seven eighths. I can also rename two wholes as one and eight eighths and then subtract one eighth.



Nadya

Since 2 doesn't have a denominator, I just subtracted. 2 minus 1 is 1, and 8 minus nothing is 8. It's $\frac{1}{8}$.



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

Things to Remember

- * _____
- * _____
- * _____



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Our Turn

Find the difference. You may use a drawing or fraction pieces to help you.

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

2. $3 - 1\frac{2}{5} =$ _____

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

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My Turn

Find the difference. You may use a drawing or fraction pieces to help you.

1. $6 - \frac{5}{6} =$ _____

2. $3 - 2\frac{1}{3} =$ _____

3. $1\frac{7}{8} - \frac{1}{2} =$ _____

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Multiple Choice Mini Lesson

Fill in the circle next to the answer you choose.

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

☐ $\frac{1}{2}$

☐ $1\frac{3}{2}$

☐ $1\frac{1}{2}$

☐ $2\frac{1}{2}$

2. $5 - \frac{3}{4} =$ _____

☐ $1\frac{1}{4}$

☐ $4\frac{1}{4}$

☐ $2\frac{3}{4}$

☐ $\frac{1}{2}$



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Multiple Choice Mini Lesson

Fill in the circle next to the answer you choose.

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

☐ $\frac{1}{2}$

☐ $1\frac{3}{2}$

☐ $1\frac{1}{2}$

☐ $2\frac{1}{2}$

2. $5 - \frac{3}{4} =$ _____

☐ $1\frac{1}{4}$

☐ $4\frac{1}{4}$

☐ $2\frac{3}{4}$

☐ $\frac{1}{2}$

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Writing Task Mini Lesson

Explain how you know $3 - 2\frac{1}{3} = \frac{2}{3}$. You may draw a picture on the back to help you explain.



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