

NAME _____

DATE _____



Fractions & Mixed Numbers

1 Color in the strips to show the fractions named below. Each strip represents 1 whole.

ex $\frac{1}{4}$

a $\frac{3}{8}$

b $\frac{1}{2}$

c $\frac{3}{4}$

2 Color in the strips to show the improper fractions named below. Then write the fraction as a mixed number. Each strip represents 1 whole.

ex $\frac{7}{4}$



$1 \frac{3}{4}$

a $\frac{12}{8}$



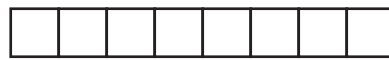
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b $\frac{3}{2}$



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c $\frac{9}{8}$



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3 Fill in the blanks to show the unit fraction as a fraction of a dollar and as decimal (money) notation.

ex $\frac{1}{10} = \frac{10}{100} = 0.10$

a $\frac{1}{2} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

b $\frac{1}{4} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

c $\frac{3}{4} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

d $\frac{7}{10} = \frac{\quad}{\quad} = \frac{\quad}{\quad}$

Write in your math journal using numbers, labeled sketches, or words to explain your answer to the two problems below. (Hint: Use money value pieces to help.)

4 Esther had to solve $\frac{1}{2} + \frac{1}{4}$. She wrote: $\$0.05 + \$0.75 = \$0.80$, which is the same as $\frac{80}{100}$ of a dollar. So $\frac{1}{2} + \frac{1}{4} = \frac{80}{100}$. Do you agree or disagree with her work?

5 Thanh had to solve $\frac{1}{10} + \frac{1}{5}$. He wrote: $\$0.10 + \$0.20 = \$0.30$, which is the same as $\frac{3}{10}$ of a dollar, so $\frac{1}{10} + \frac{1}{5} = \frac{3}{10}$. Do you agree or disagree with his work?