

NAME: _____



Purpose

To find equivalent mixed numbers and improper fractions

Math Words

mixed number

We read a mixed number like $3\frac{3}{4}$ as “three and three fourths.” It shows a whole number with a fraction.

improper fraction

A fraction like $\frac{7}{4}$ is an improper fraction. It has a numerator that is greater than its denominator.

Starter Problem

Write this fraction as a mixed number.

Think about the meaning.

$$\frac{11}{4} = \underline{\hspace{2cm}}$$

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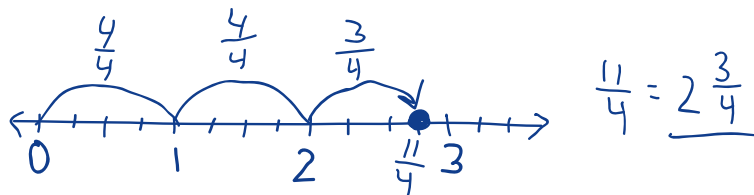
$$\frac{11}{4} = \underline{\hspace{2cm}}$$

Student Thinking



Austin

I used the number line to see how many units are in eleven fourths. Four fourths is 1 unit, and eight fourths is 2 units. So, 2 units and three fourths more is equal to eleven fourths.



Megan

It's an improper fraction, so I split it into a mixed number. It's one and one fourth.



$$\frac{11}{4} = 1 \frac{1}{4}$$

Things to Remember

- * _____
- * _____



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Our Turn

Write each fraction as a mixed or whole number.

You may draw a number line to help you.

1. $\frac{7}{2} =$ _____

2. $\frac{12}{3} =$ _____

3. $\frac{21}{4} =$ _____

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My Turn

Write each fraction as a mixed or whole number.

You may draw a number line to help you.

1. $\frac{20}{10} =$ _____

2. $\frac{17}{6} =$ _____

3. $\frac{17}{5} =$ _____

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Multiple Choice Mini Lesson

Fill in the circle next to the answer you choose.

1. $\frac{11}{3} =$ _____

☐ $\frac{3}{11}$

☐ $1\frac{1}{3}$

☐ $3\frac{2}{3}$

☐ $10\frac{1}{3}$

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

☐ $\frac{23}{5}$

☐ $\frac{13}{5}$

☐ $\frac{8}{5}$

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Writing Task Mini Lesson

Explain how you know that $3\frac{5}{8}$ equals $\frac{29}{8}$. You may draw a picture on the back to help you explain.

Equal Fractions and Mixed Numbers



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Writing Task Mini Lesson

Explain how you know that $3\frac{5}{8}$ equals $\frac{29}{8}$. You may draw a picture on the back to help you explain.
