

NAME: _____



Purpose

To compare percent, fraction, and decimal amounts

Math Words

order

The numbers 4, 10, and 18 are in order from least to greatest.

benchmarks

Benchmarks such as 75%, $\frac{1}{4}$, and 0.5 help you compare other numbers.

least to greatest

When you start with the least number and end with the greatest number, then they are ordered from least to greatest.

Starter Problem

Write these numbers in order from least to greatest.
Think about the meaning.

0.8

 $\frac{1}{4}$

1.3

37%

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Starter Problem

Write these numbers in order from least to greatest. Think about the meaning.

0.8 $\frac{1}{4}$ 1.3 37%

Student Thinking



Amaya

It helps to think of a number line. One fourth equals 25%, so it's less than 37%. 37% is less than one half. I know 8 tenths equals 80 hundredths, or 80%. 1.3 is the greatest since it's more than 100%.



Elliot

I made them all into percents so I could compare them. 8% is the least and 37% is the greatest.



8% 13% 14% 37%

Things to Remember

- * _____
- * _____
- * _____
- * _____



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Our Turn

Write these numbers in order from least to greatest.

Use benchmarks or a number line to help you.

1. 0.48 99% $\frac{1}{3}$

2. 2.25 $\frac{2}{3}$ 60%

3. $1\frac{1}{2}$ 118% 1.8

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My Turn

Write these numbers in order from least to greatest.
Use benchmarks or a number line to help you.

1. 0.7 9% $\frac{3}{10}$

2. 36% $1\frac{1}{3}$ 0.35

3. 3.03 $3\frac{3}{10}$ 130%

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Multiple Choice Mini Lesson

Fill in the circle next to the answer you choose.

1. Which is greatest?

☐ 0.695☐ $5\frac{7}{8}$ ☐ 100%☐ 7.2

2. Which is least?

☐ 120%☐ 30%☐ $\frac{3}{4}$ ☐ $\frac{10}{20}$ 

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Writing Task Mini Lesson

Explain how you know that $\frac{3}{5}$ is the greatest number in this set.

0.375

9%

$\frac{3}{5}$



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$\frac{3}{5}$
