

Lesson 4-2 • Group 1

Reinforce Understanding

4.2 Small Group • Group 1

With my small group, I can write equivalent fractions, decimals, and percents for the same value — one step at a time, with support.

Worked model

A survey found 7 out of 20 students walk to school. Write that as a fraction, a decimal, and a percent.

1. Write the fraction, part over whole: $\frac{7}{20}$
2. Twenty times five makes one hundred, so multiply both terms by five.
3. That gives thirty-five hundredths, written as the decimal 0.35
4. Hundredths read straight across into percent form: 0.35 is 35%

Answer: $\frac{7}{20}$, 0.35, and 35% all name the very same amount.

Practice

Complete each exercise. Show the reasoning that supports your answer.

1. Sort these values — which are greater than 50% and which are less than 50%?

Write the name of the correct group on each line.

Groups: Greater than 50% Less than 50%

- _____ $\frac{3}{4}$
- _____ 0.8
- _____ 65%
- _____ $\frac{7}{10}$
- _____ $\frac{1}{3}$
- _____ 0.25
- _____ 40%
- _____ $\frac{2}{5}$

2. Place each value on the number line: A = $\frac{3}{8}$, B = 0.6, C = 85%

Mark and label each value on the number line.

Show your thinking

3. Convert $\frac{3}{5}$ to a percent.

Circle the letter of the best answer. Show how you know.

- A. 35%
- B. 53%
- C. 60%
- D. 65%