

Lesson 4-2 • Apply Day

Reinforce Understanding

Compare and Order

I can write equivalent fractions, decimals, and percents for the same value.

Worked model

Order these three values from least to greatest: 0.68, $\frac{3}{4}$, 71%.

1. Pick one form for the whole list — percent works well here.
2. The decimal 0.68 is sixty-eight hundredths, so 0.68 is 68%.
3. The fraction $\frac{3}{4}$ scales to seventy-five hundredths, so $\frac{3}{4}$ is 75%.
4. Compare: 68%, then 71%, then 75%. Rewrite them in their first forms.

Answer: Least to greatest: 0.68, 71%, $\frac{3}{4}$.

Practice

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

1. Complete the new equivalence: $\frac{1}{2}$ = ____ decimal = ____%.

Complete each step, then write the final answer.

50% Model

1. Divide $1 \div 2$: ____.
2. Multiply the decimal by 100: ____.
3. Write the percent with its symbol: ____.

Answer: _____

2. Complete the new equivalence: $\frac{1}{4}$ = ____ decimal = ____%.

Complete each step, then write the final answer.

25% Model

1. Divide $1 \div 4$: ____.
2. Multiply the decimal by 100: ____.
3. Write the percent with its symbol: ____.

Answer: _____

3. Complete the new equivalence: $\frac{3}{4}$ = ____ decimal = ____%.

Complete each step, then write the final answer.

75% Model

1. Divide $3 \div 4$: ____.
2. Multiply the decimal by 100: ____.
3. Write the percent with its symbol: ____.

Answer: _____