Name _____ Date _____ Period _____

LESSON 4-2 · WARM-UP

Warm-Up Practice

Relate Fractions, Decimals, and Percentages

THE MOVE

what this page practices

Move among a fraction, a decimal, and a percent

Percent to decimal: divide by 100, so shift the point two places left. Decimal to percent: multiply by 100, so shift two places right. Fraction to decimal: divide the top by the bottom.

Compare two numbers written in different forms

Write both as decimals with hundredths. Line up the places, then compare the tenths first, then the hundredths.

WORKED MODEL

we do this one together

Step 1	0.45 as a percent: shift two places right, so 0.45 = 45%.
Step 2	25% as a fraction: 25/100 = _____ in simplest form.
Step 3	Which is greater, 0.6 or 55%?
Step 4	0.6 = _____ and 55% = 0.55, so _____ is greater.

YOUR TURN

8 items · about 10 minutes

1. Write 0.35 as a percent. _____
ANSWER _____

2. Write 80% as a fraction in simplest form. _____
ANSWER _____

3. Write 1/5 as a decimal and as a percent. _____
ANSWER _____

4. Write 7% as a decimal. _____
ANSWER _____

5. Which is greater, 0.7 or 65%? _____
ANSWER _____

6. Order least to greatest: 0.4, 45%, 1/2. _____
ANSWER _____

7. Which is greater, 3/8 or 40%? _____
ANSWER _____

8. Order least to greatest: 0.65, 3/5, 62%. _____
ANSWER _____