 Name _____ Date _____ Per _____

Represent Percents Greater Than 100 or Less Than 1

GUIDED NOTES

UNIT 6: UNDERSTAND AND USE PERCENT

LEARNING TARGET

I can write percents that are greater than 100; write percents that are less than 1.

- ☐ Write a Percent Greater Than 100 as a Fraction and as a Decimal
- ☐ Write a Fraction Percent Less Than 1 as a Fraction and as a Decimal
- ☐ Write a Decimal Percent Less Than 1 as a Fraction and as a Decimal

VOCABULARY

mixed number
a whole number and a _____, like $1\frac{1}{2}$

100%
one _____

greater than 100%
more than the _____

less than 1%
less than one _____ of the whole

fraction percent
a percent written with a fraction, like _____

divide by 100
move the _____ point 2 places left

thousandths
the third place after the _____ point

decimal percent
a percent with a decimal, like 0.5%

KEY IDEAS

- ◇ A percent _____ is more than one whole: 100% = 1, so 145% = 1.45.
- ◇ A percent less than 1% is a small part of one hundredth: write the fraction as a decimal, then _____.
- ◇ To write a _____ like 0.4% as a decimal, divide by 100: 0.4% = 0.004 = 4/1,000.

WORKED EXAMPLES

EXAMPLE 1 *Write a Percent Greater Than 100 as a Fraction and as a Decimal*

Write 145% as a decimal and a mixed number.

1. $145\% = \frac{145}{100}$.
2. Decimal: 1.45.
3. Mixed number: $1\frac{45}{100} =$ _____.

YOU TRY 1

Write 267% as a decimal.

Answer: _____

Preview - the full worksheet and its answer key are at primeworksheet.com