

WARM UP

1) $0.47 = \underline{\hspace{2cm}} \%$

2) $0.09 = \underline{\hspace{2cm}}$ (fraction)

3) $9/25 = \underline{\hspace{2cm}} \%$

4) $5/17 = \underline{\hspace{2cm}} \%$

5) $7\% = \underline{\hspace{2cm}}$ (fraction)

6) $4/15 = \underline{\hspace{2cm}}$ (decimal)

MATH COURSE I

Estimating with
Percents

October 23,
2012

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VOCABULARY (Review)

Percent: a ratio that compares a number to 100

Symbol: %

Benchmarks

Copy benchmarks from bottom video.

*We will be estimating percents as fractions to show a percent of a number.

Use Fractions to Estimate Percents

Complete examples 1-4. Examples

USING 1% AND 10%

using 1% or 10%

Notes:

1%: move decimal place twice to the left

10%: move decimal place once to the left

$$1\% \text{ of } 45 = 0.45$$

$$10\% \text{ of } 45 = 4.5$$

Complete examples 6-9. Examples

PRACTICE

Use fractions to estimate the percent of each.

- 1) 8% of 261
- 2) 34% of 93
- 3) 11% of 132

Use 1% or 10% to estimate the percent of each.

- 1) 3% of 16
- 2) 24% of 49
- 3) 59% of 181