WARM UP

1) 75 increased to 96.

2) 40 decreased to 12

MATH COURSE I

Percent of Change(2)

November 5, 2012

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VOCABULARY

Percent of change: measures the difference in values using percentages

Percent of decrease: a measure of percent of change, when something loses value

Percent of increase: a measure of percent of change, when something gains value

PRACTICE

1) 70 decreased to 45
2) 155 increased to 279
3) 39.2 increased to 56.

MORE PRACTICE

[Practice](#) questions 1 – 4 and 7-10

Taking the Percentage

What is 75 decreased by 40%

Take 10% of 75 and multiply it by 4

7.5 x 4 = 30

Subtract 40% of 75 from 75.

75 – 30 = 40

*If the Problem is "increased by" add the percentage

Practice

1) 65 decreased by 30%

2) 16 increased by 2%

3) 83 decreased by 49%

4) 24 increased by 33%

Word Problems

Word Problems questions 5, 6, 11, and 12