

Name \_\_\_\_\_

**Percent 11: Here is another type of word problem using percents.****4 is what percent of 8? Remembering that "is" means "equals" and "of" means "times," we rewrite the problem to read:  $4 = \_\_\% \times 8$ ?****You must understand that this means "4 = what number x 8?" To solve this you simply remove the 8 from the right side of the equation, place it under the 4 on the left side, and do the necessary division  $4 \div 8$ .****You will learn in class why this is so. The answer becomes .5 or 50%**

1. 3 is what % of 4?      2. 8 is what % of 10?      3. 5 is what % of 25?

4. 16 is what % of 40?      5. 9 is what % of 27?      6. 23 is what % of 46

7. 7 is what % of 14?      8. 4 is what % of 16?      9. 3 is what % of 9?

10. 75 is what % of 90?      11. 6 is what % of 8?      12. 175% of 4 = \_\_\_\_\_

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