Percent Practice Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period:\_\_\_\_\_\_\_



Finding a percent (part) of a number (whole): Finding the whole given the percent (part):

Example: What is 20% of 240? Ex: 60 is 75% of what number?

 First, set up your proportion: First, set up your proportion:

  

 Then, solve! Then, solve!

  

 20 ⦁ 240 = 4800 ÷100 60 ⦁100 = 6,000 ÷75

 x = 48 x=80

***48*** *is 20% of 240* *60 is 75% of* ***80***

Now, you try!

1. What is 5% of 200? 2) 8 is 40% of what number?

 3) What is 15% of 80? 4) 18 is 25% of what number?

 5) What is 25% of 60? 6) 62 is 50% of what number?

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**Mixed Bag Problems:**

Remember to set up your percent proportion for EVERY problem! Also, check to see if you can SIMPLIFY before solving!

7) 36 is 75% of what number? 8) What is 110% of 20?

9) What is 5% of 80? 10) 8 is 10% of what number?

11) What is 10% of 56? 12) 35 is 100% of what number?

13) H&M has is having a 20% off sale on winter boots! If Maddie wants to buy a pair that originally costs $40, how much will she save? (Hint: Find 20% of $40.)

14) The sixth-grade teachers ate 90% of the candies from a bag of Jolly Ranchers. If they ate a total of 54 candies, how many candies were in the FULL bag?

15) Silly Sally solved the problem below incorrectly. a. What did she do wrong?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 b. Solve it correctly:

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