Name: _____ Period: _____

Math 7: Equations Day 4 – Word Problems

Directions: Write an equation that represents the situation and then solve the equation.

1. Lisa is baking muffins. The recipe calls for 7 cups of sugar. She has already put in 2 cups. How many more cups does she need to put in?

    Equation: _____

2. At a restaurant, Mike and his three friends decided to divide the bill evenly. If each person paid $13 then what was the total bill?

    Equation: _____

3. How many packages of diapers can you buy with $40 if one package cost $8?

    Equation: _____

4. Last Friday Trevor had $29. Over the weekend he received some money for cleaning the attic. He now has $41. How much money did he receive?

    Equation: _____

5. Last week Julia ran 30 miles more than Peter. Julia ran 47 miles. How many miles did Peter Run?

    Equation: _____

6. How many boxes of envelopes can you buy with $12 if one box costs $3?

    Equation: _____

7. Amanda and her best friend found some money buried in a field. They split the money evenly, each getting $24.28. How much money did they find?

    Equation: _____

8. Jenny wants to buy an IPod that costs $30.98. How much change does she receive if she gives the cashier $40?

    Equation: _____

9. Last Friday Adam has $22.33. Over the weekend he received some money mowing the lawn. He now has $32. How much money did he receive?

Equation: _____

10. After paying $5.12 for a salad, Joan has $27.10. How much money did she have before buying the salad?

Equation: _____

11. A recipe for cookies calls for $3\frac{1}{4}$ cups of sugar. Amy has already put in $2\frac{1}{2}$ cups. How many more cups does she need to put in?

Equation: _____

12. Your mother gave you $15 with which to buy a present. This covered $\frac{3}{5}$ of the cost. How much did the present cost?

Equation: _____

13. If the weight of a package is multiplied by $\frac{5}{7}$ and the result is 40.5 pounds. How much does the package weigh?

Equation: _____

14. A stay dog ate 12 of your cupcakes. That was $\frac{3}{10}$ of all of them! How many total cupcakes did you have before the dog ate some?

Equation: _____