

Writing and Solving One-Step Equations

Date _____ Period _____

- 1) How old is Eugene if he will be 50 years old in fourteen years?
- 2) After paying \$8.51 for a pizza, Pranav has \$11.95. How much money did he have before buying the pizza?
- 3) The wind blew away 25 of your muffins. That was $\frac{5}{8}$ of all of them! With how many did you start?
- 4) Lea and six of her friends went out to eat. They decided to split the bill evenly. Each person paid \$6.75. What was the total bill?
- 5) Eugene and his best friend found some money in a trash can. They split the money evenly, each getting \$17. How much money did they find?
- 6) Micaela wants to buy a comic book for \$4. She gives the cashier \$5. How much change does she receive?
- 7) A mean ogre stole 35 of your muffins. That was $\frac{7}{10}$ of all of them! With how many did you start?
- 8) Lea ran 35 miles less than Emily last week. Lea ran 7 miles. How many miles did Emily run?
- 9) Nicole and her best friend found some money under the couch. They split the money evenly, each getting \$6. How much money did they find?
- 10) Your uncle gave you \$0.80 with which to buy a present. This covered $\frac{5}{8}$ of the cost. How much did the present cost?

Solve each equation.

11) $9 = \frac{b}{12}$

12) $3 = x - (-14)$

$$13) 11\frac{1}{12} = 8\frac{7}{12} + n$$

$$14) m + 6\frac{12}{19} = \frac{141}{19}$$

$$15) k - (-1.7) = -1.8$$

$$16) -4.7 = p - 14.7$$

17) Emily won 70 super bouncy balls playing horseshoes at her school's game night. Later, she gave one to each of her friends. She only has 58 remaining. How many did she give away?

18) A recipe for cookies calls for 9 cups of sugar. Micaela has already put in 7 cups. How many more cups does she need to put in?

19) Huong won 60 lollipops playing horseshoes. After giving some away she only has 34 remaining. How many did she give away?

20) A colony of ants carried away 40 of your muffins. That was $\frac{8}{9}$ of all of them! How many are left?

21) Amanda and her best friend found some money under the couch. They split the money evenly, each getting \$8. How much money did they find?

22) At a restaurant, Jacob and his six friends decided to divide the bill evenly. If each person paid \$15.47, then what was the total bill?

23) Phoenix is 123 miles from Tucson. A bus traveling from Phoenix is 13.75 miles from Tucson. How far has the bus traveled?

24) You travel 170 miles in 5 hours. What is your speed in miles per hour?

25) The average temperature this week is 81.1 degrees. This is 15.8 degrees cooler than the temperature last week. What was the average temperature last week?

26) You made \$90 baby-sitting last week at \$7.50 an hour. How many hours did you babysit?