Name _____   Date _____

Understanding the y-Intercept - Independent Practice Worksheet

Complete all the problems.

1. Killen is a singer. Killen earned $15 for singing 3 songs. Then after one month he earned $20 for singing 4 songs. How much money does Killen earn per song?

2. Phoenix brought 2 eggs per day during an office trip. How many days will Phoenix have to spend on the office trip before he will have brought a total of 10 eggs? Write and solve an equation to find the answer.

3. Fred buys candies. He buys 2 candies for a dollar and gets 3 candies free on every purchase. Write an expression representing total candies Fred has, in which total number of candies are represented by c and the number of dollars represented by d.

4. Herald hired a bike service. The company charges $15 per hour and $10 for service tax. Write an expression for the cost of one bike which is represented by C. The number of hours are represented by h.

5. Javier has a fan shop. Javier sold 3 table fans in one day. If he continues at this rate, how many fans will he sell in 5 days? Solve an equation to find answer.

6. Macy works in a school as an English teacher. She received $18 in 3 hours. Then after one week, she received $24 in 4 hours. How much money does Macy earn per hour?

7. Harry's restaurant bill includes $4 for tax and $6 per burger. Write an equation that would help you to calculate the bill total.

8. Rafael eats 4 bananas each week. Write an equation that shows the relationship between the number of weeks (x) and the total number of bananas (y).

9. Jack is a sales person. He gets $30 monthly and $2 per packet sold. Write an equation to show his income earned.

10. On Monday Harper solves 6 math questions in one hour. If he continues at this rate, how many will he solve in 6 hours?