**111**

**Write and solve a system of equations that represents each situation. Interpret**

**the solution.**

**10.**  **MONEY** Neil has a total of twelve $5 and $10 bills in his wallet. He has 5 times as many $10 bills as $5 dollar bills. How many of each does he have?

**12.** **DRIVING** Winston drove a total of 248 miles on Monday. He drove 70

fewer miles in the morning than he did in the afternoon. How many miles did he drive in the afternoon?

**Course 3 •** Linear Functions and Systems of Equations

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**11.** **HAYRIDE** Hillary and 23 of her friends went on a hayride. There are 8

more boys than girls on the ride. How many boys and girls were on the ride?

**9.** *y* = –*x* – 3

*y* = 3*x*

**8.** *y* = *x* + 20

*y* = 6*x*

**7.** *y* = –*x* – 14

*y* = –8*x*

**6.** *y* = *x* – 4

*y* = 2*x*

**5.** *y* = *x* + 5

*y* = –2*x*

**4.** *y* = *x* – 6

*y* = 2*x*

**3.** *y* = –*x* – 4

*y* = *x*

**2.** *y* = –*x*

*y* = –7*x*

**1.** *y* = *x* + 2

*y* = –3*x*

**Homework Practice**

***Solve Systems of Equations by Substitution***

**Solve each system of equations by substitution.**

PERIOD

DATE























NAME \_\_\_\_\_\_