

UNIT 13 EXERCISES 6-10

SYSTEM OF EQUATIONS

- 2011A 7. A majority of the 30 students in Ms. Demeanor's class bought pencils at the school bookstore. Each of these students bought the same number of pencils, and this number was greater than 1. The cost of a pencil in cents was greater than the number of pencils each student bought, and the total cost of all the pencils was \$17.71. What was the cost of a pencil in cents?
- (A) 7 (B) 11 (C) 17 (D) 23 (E) 77
- 2006A 9. Oscar buys 13 pencils and 3 erasers for \$1.00. A pencil costs more than an eraser, and both items cost a whole number of cents. What is the total cost, in cents, of one pencil and one eraser?
- (A) 10 (B) 12 (C) 15 (D) 18 (E) 20