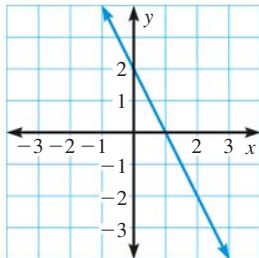


## MIXED TAKS PRACTICE

6. A bike shop rents bikes for \$7 per hour or \$25 per day. What is the total cost for 3 people to each rent a bike for 2 days and 2 hours? **TAKS Obj. 4**

**F** \$96  
**G** \$117  
**H** \$171  
**J** \$192

7. What is the equation of the graph shown below? **TAKS Obj. 3**



**A**  $y = -2x + 2$   
**B**  $y = -\frac{1}{2}x + 2$   
**C**  $y = \frac{1}{2}x - 2$   
**D**  $y = 2x - 2$

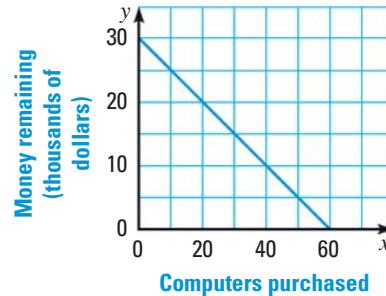
8. If  $(x, 10)$  is a solution to the equation  $2x + y = 75$ , what is the value of  $x$ ? **TAKS Obj. 4**

**F** 32.5  
**G** 42.5  
**H** 65  
**J** 85

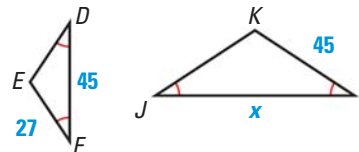
9. A rectangular floor that is 8 feet by 10 feet is being covered by square tiles with a side length of 8 inches. If no tiles are cut, how many tiles are needed to cover the floor? **TAKS Obj. 7**

**A** 120  
**B** 150  
**C** 180  
**D** 210

10. The graph below was drawn by a business. Which of the following is NOT true for the graph below? **TAKS Obj. 2**



- F** The business will have \$30,000 if it purchases no computers.  
**G** The business can purchase 10 computers for about \$5000.  
**H** If the business purchases 30 computers, it will have \$15,000 remaining.  
**J** The business will have \$5 remaining if it purchases 50 computers.
11. If  $\triangle DEF$  is similar to  $\triangle JKL$ , what is the length  $x$ ? **TAKS Obj. 8**



- A** 27  
**B** 45  
**C** 60  
**D** 75
12. **GRIDDED ANSWER** A family rented a car for a trip. They paid \$36 per day and \$0.07 for each mile driven. How much did it cost, in dollars, to rent the car for 5 days and drive 430 miles, not including tax? **TAKS Obj. 10**

*Record your answer and fill in the bubbles on your answer document. Be sure to use the correct place value.*