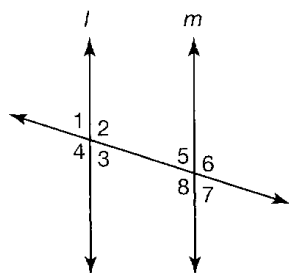


## Section 2

**Section 2 of this test has thirty questions. Choose the best answer for each question. Fill in the circle in the spaces provided for questions 31 through 60 on your answer sheet.**

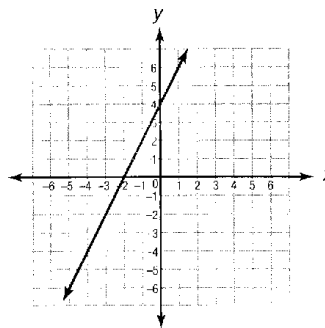
31. Lines  $l$  and  $m$  are parallel.



If the measure of angle 1 is  $72^\circ$ , what is the measure of angle 8?

- A.  $72^\circ$
  - B.  $98^\circ$
  - C.  $108^\circ$
  - D.  $118^\circ$
32. A square millimeter is equal to  $2 \times 10^{-3}$  sq in. What is the area in square inches of a rectangle that has an area of 100,000 square millimeters?
- A.  $2 \times 10^{-8}$
  - B.  $2 \times 10^2$
  - C.  $2 \times 10^3$
  - D.  $2 \times 10^4$

33. What is the equation of this relation?



- A.  $y = 2x + 2$
  - B.  $y = 2x + 4$
  - C.  $y = 2x - 2$
  - D.  $y = 2x - 4$
34. Dianna has \$5 bills and \$10 bills in her wallet. She has a total of 12 bills. The total value of the bills is \$75. How could you find the number of \$5 bills and \$10 bills in Dianna's wallet?
- A. Write and solve a system of equations.
  - B. Write and solve an inequality.
  - C. Write and solve a system of inequalities.
  - D. Switch the variables and solve each equation.