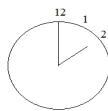
## ACT Practice Test 2

- 21) What is the degree measure of the angle formed by hands of a clock indicating 2:00 ?

  - b) 40

  - c) 45 d) 60
  - e) 75



- 22) How many prime factors does 66 have?

  - b) 2 c) 3 d) 4 e) 5
- 23) What is  $(x-5)^2$ ?
  - a)  $x^2 25$
  - b)  $x^2 + 25$
  - c)  $x^2 + 10x 5$
  - d)  $x^2 10x + 10$
  - e)  $x^2 10x + 25$
- 24) Which equation describes the following graph?
  - a) |x-1| < 3
  - b) |x-1| > 3

- c) |x-3| < 1
- d) |x + 3| < 1
- e) |x+2| < 6
- 25) In the geometric sequence  $3, 1, x, 1/9, y, 1/81, \dots$ , what is x + y?
  - a) 10/27
  - b) 4/27
  - c) 1/3
  - d) 3
  - e) 2/9

(note: a geometric sequence has a constant ratio between terms. In other words, each term divided by its predecessor has the same result.)