Date:

Circle the one best answer. Justify your answer by showing all work below.

- 51. Simplify this expression: $25^{\frac{1}{2}} 3^2 \div 3^{-1}$
- A. -22 B. -12 C. $-\frac{4}{3}$ D. $\frac{7}{6}$ E. 2
- Find the equation of the line that passes through points (2,3) and (-4,5).
 - A. $y-5=-\frac{1}{3}(x-2)$ B. $y-5=-\frac{1}{3}(x+4)$ C. y-5=3(x+4)

- D. $y = -\frac{1}{3}x + 5$ E. $y = -\frac{1}{3}x + \frac{7}{3}$
- 53. If $g(x) = x^2 6$, then g(c) + g(2) =
 - A. c^2+4c-2 B. c^2+4 C. c^2-8 D. c^2+4c+4 E. c^2-4

- 54. Solve this equation for x: -0.43 = 2.7 5x. Round the answer to the nearest hundredth.
 - A. -0.45 B. 15.65 C. 0.45 D. -0.63 E. 0.63

- 55. A tire has a circumference of 36 inches. Approximately how many revolutions does the tire make when the tire rolls 1 mile (5,280 ft)?

- A. 147 B. 440 C. 1,760 D. 1,760 π E. 15,840