

51. If the annual interest rate for an investment is 20 percent, compounded 4 times a year, which of the following is closest to the effective annual yield?

- (A) 20.0%
- (B) 21.6%
- (C) 21.8%
- (D) 22.7%

52. If  $\frac{2.4 \times 10^6}{3.0 \times 10^{-4}} = 8.0 \times 10^n$ , what is the value of  $n$ ?

- (A) 10
- (B) 9
- (C) 2
- (D) 1

53. The regular price of a pair of jeans was \$50. The regular price was discounted by  $x$  percent during a sale, and the discounted price was \$30. What was the value of  $x$ ?

- (A) 20
- (B) 30
- (C) 40
- (D) 50

54. Which of the following is an irrational number?

- (A)  $\sqrt{36}$
- (B)  $\sqrt{14}$
- (C)  $\frac{2}{\sqrt{9}}$
- (D)  $\frac{\sqrt{8}}{\sqrt{2}}$