1. Each week a salesperson receives a commission that is equal to 12 percent of the first $500 of sales plus 20 percent of additional sales. If the salesperson received a commission of $380 last week, what was the total amount of the sales that the salesperson made last week?  A. $1,600 B. $1,660 C. $1,860 D. $2,000 E. $2,100
2. In a distribution of 8,500 different measurements of the variable *x,* 26.5 is the 56th percentile and 37.1 is the 78th percentile. Which of the following is closest to the number of measurements of *x* that are in the distribution such that 26.5 ≤ *x ≤*37.1 ?  **A**. 1,850 B. 2,200 C. 3,500 D. 4,750 E. 6,650

The reciprocal of *x* - 2 is *x* +2

Quantity A: *x* Quantity B: 3

A. Quantity A is greater. **B.** Quantity B is greater. C. The two quantities are equal D. The relationship cannot be determined from the information given.