

1. Employees of a discount appliance store receive an additional 20% off of the lowest price on an item. If an employee purchases a dishwasher during a 15% off sale, how much will he pay if the dishwasher originally cost \$450?

- A. \$280.90
- B. \$287
- C. \$292.50
- D. \$306
- E. \$333.89

2. The sales price of a car is \$12,590, which is 20% off the original price. What is the original price?

- A. \$14,310.40
- B. \$14,990.90
- C. \$15,290.70
- D. \$15,737.50
- E. \$16,935.80

3. If Leah is 6 years older than Sue, and John is 5 years older than Leah, and the total of their ages is 41. Then how old is Sue?

- A. 8
- B. 10
- C. 14
- D. 19
- E. 21

4. Jim is able to sell a hand-carved statue for \$670 which was a 35% profit over his cost. How much did the statue originally cost him?

- A. \$496.30
- B. \$512.40
- C. \$555.40
- D. \$574.90
- E. \$588.20

5. If $r = 5z$ then $15z = 3y$, then $r =$

- A. y
- B. $2y$
- C. $5y$
- D. $10y$
- E. $15y$

6. If $8x + 5x + 2x + 4x = 114$, then $5x + 3 =$

- A. 12
- B. 25
- C. 33
- D. 47
- E. 86

7. If the average of three numbers is V . If one of the numbers is Z and another is Y , what is the remaining number?

- A. $ZY - V$
- B. $Z/V - 3 - Y$
- C. $Z/3 - V - Y$
- D. $3V - Z - Y$
- E. $V - Z - Y$

Answers to bellwork:

- 1. D
- 2. D
- 3. A
- 4. A
- 5. A
- 6. C
- 7. D