

1. Steve uses 6 balls of yarn to knit a sweater. Knitting a blanket takes 15 times as many balls of yarn. Which equation can Steve use to find b , the number of balls of yarn he needs to knit a blanket?

A $6 + 15 = b$
B $6 \times 15 = b$
C $6 + b = 15$
D $6 \times b = 15$

2. Meg buys 12 bags of sunflower seeds. Each bag has 58 seeds. How many seeds does Meg buy?

A 696
B 686
C 174
D 116

3. After waking up, it takes Cheyenne 35 minutes to get ready to leave for school. She takes 20 minutes to walk to school. If Cheyenne wakes up at 7:15 A.M., at what time does she arrive at school?

A 7:40 A.M.
B 7:55 A.M.
C 8:00 A.M.
D 8:10 A.M.

4. A building has 8 same-sized apartments. The area of 1 apartment is 725 square feet. Let t be the total area of the 8 apartments.

a. Draw a picture to describe t .

b. Write an equation that you could use to find t .

c. What is the value of t ?

5. For the 2004–05 school year, the state of Texas spent about thirty-eight billion dollars on education. Write this amount of money in standard form.

6. Last year, Handy Hardware Store sold 45,078 bolts and 5,011,542 nails. How many more nails did the store sell than bolts?
