

- 1 What is the value of y in this equation?

$$6y - 18 = 42$$

- (A) 0
- (B) 4
- (C) 10
- (D) 12

- 2 Consider the numbers -24 and -18 .

Which of the following statements about the numbers are true?

Select the **two** correct answers.

- (A) The number -24 is less than the number -18 .
- (B) The number -24 is greater than the number -18 .
- (C) The expression $|-24|$ is equal to the expression $|-18|$.
- (D) The expression $|-24|$ is less than the expression $|-18|$.
- (E) The expression $|-24|$ is greater than the expression $|-18|$.

- 6 At a carnival, only people taller than 48 inches are allowed to ride the roller coaster.

Which of the following inequalities best describes all the possible heights, h , in inches, of people who are allowed to ride the roller coaster?

- (A) $h > 49$
- (B) $h < 49$
- (C) $h > 48$
- (D) $h < 48$

- 4 Members of a club are selling boxes of cookies. Each box of cookies costs the same amount. This table shows the total cost for different numbers of boxes of cookies.

Costs of Cookie Boxes

Number of Boxes of Cookies	Total Cost
1	\$3.50
2	\$7.00
3	\$10.50
4	\$14.00

Based on the data in the table, what would be the total cost, in dollars, of 10 boxes of cookies?

3 A store sells 3 hats for a total of \$47.25. The cost of each hat is the same. What is the cost, in dollars, of one hat at the store?