

Math Algebra 6_5

Student Name: _____

Date: _____

1.

$b = 2$
 $c = 3$
 $b \times c = \underline{\quad}$

- A. 6
- B. 4
- C. 8

2.

Sam has 14 jelly beans.
He eats (y) jelly beans.
How many are left?

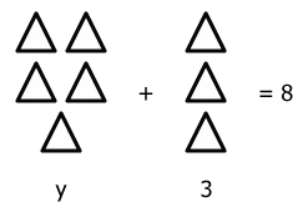
- A. $14 \times y$
- B. $14 + y$
- C. $14 - y$

3.

$(4 + 3) \times 3 \div 2$
Which step is first?

- A. 3×3
- B. $(4 + 3)$
- C. $4 \div 2$

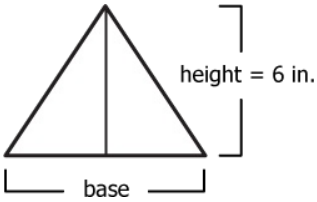
4.


Which fits this?

- A. $8 + 3 = y$
- B. $3 - y = 8$
- C. $y + 3 = 8$

5.

Area = $\frac{1}{2}$ (base) \times height



height = 6 in.

base

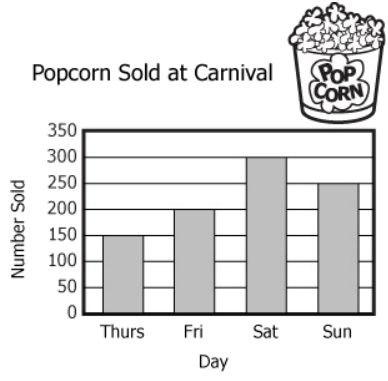
Area = 24 in²

base = ___ in.

- A. 4
- B. 18
- C. 8

6.

Popcorn Sold at Carnival



Number Sold

Day

How many bags are sold in all 4 days?

- A. 850
- B. 700
- C. 900

7.

Baskets Made and Missed by Three Basketball Teams			
Teams	Bears	Wildcats	Hawks
Baskets Made	65	75	80
Baskets Missed	80	100	75

The team that made the most baskets also:

- A. Missed the fewest baskets.
- B. Missed the most baskets.
- C. Missed more baskets than the Bears.

8.

$6(2y + 3y) =$

- A. $18y + 12$
- B. $30 + 2y$
- C. $6(5y)$

9.

$$x - 17 = 82$$

$$x = \underline{\quad}$$

- A. 65
- B. 99
- C. 109

10.

50 is of 200

- A. 25%
- B. 15%
- C. 35%

11.

$$56 + 2x = 60$$

$$x = \underline{\quad}$$

- A. 2
- B. 4
- C. 6

12.

Bill is 14 years old.

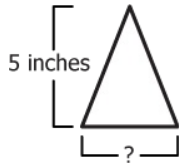
Andy is (y) years older.

Which shows how old Andy is?

- A. $14 + y$
- B. $y \times 14$
- C. $14 - y$

13.

$$\text{Area of a Triangle} = \frac{1}{2} \text{ base} \times H$$



$$\text{Area of this triangle} = 10 \text{ inches}^2$$

$$? = \underline{\quad} \text{ inches}$$

- A. 4
- B. 1
- C. 50

14.

$$2^3 - 1 =$$

- A. $8 - 1$
- B. $6 - 1$
- C. 2^2

15.

$$2y + 3y = 5$$

$$y = \underline{\quad}$$

- A. 1
- B. 5
- C. 0

16.

$$3y = 21$$

$$y = \underline{\quad}$$

- A. 45
- B. 7
- C. 9