

## algebra 1.0

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1

**Which symbol would go in the blank to make this number sentence true?**

$8 \underline{\quad} 4 = 32$

(A) +

(B) -

(C) ×

(D) ÷

2

**Which is the same as "five times eight is less than fifty"?**

(A)  $58 > 50$

(C)  $50 - 8 > 5$

(B)  $5 \times 8 < 50$

(D)  $5 > 8 - 50$

3

**Sandra has 52 stickers. She wants to give her stickers to four of her friends and wants them to each have the same number of stickers. Which number sentence shows how to find the number of stickers that she should give to each friend so that they will all have the same number of stickers?**

(A)  $52 + 4 = \underline{\quad}$

(C)  $52 \times 4 = \underline{\quad}$

(B)  $52 - 4 = \underline{\quad}$

(D)  $52 \div 4 = \underline{\quad}$

4

**Sue needs to find the number of toy cars in her store. The toys are kept in crates in the back of the store. Which equation would she use to find how many toy cars are in the store?**

(A) number of toy cars in a crate + number of crates = number of toy cars in the store

(B) number of toy cars in a crate ÷ number of crates = number of toy cars in the store

(C) number of toy cars in a crate × number of crates = number of toy cars in the store

(D) number of toy cars in a crate - number of crates = number of toy cars in the store

5

**Which of the following is true?**

(A)  $1,825 = 1,830$

(C)  $1,830 < 1,825$

(B)  $1,825 > 1,830$

(D)  $1,830 > 1,825$

6

Count the money shown below.



Which of the following is true?

- (A) the money in the picture  $<$  \$2.37  
 (B) the money in the picture  $=$  \$2.37  
 (C) the money in the picture  $>$  \$2.42  
 (D) the money in the picture  $=$  \$2.42

7

The Mustangs are playing against the Eagles on Saturday. The tickets went on sale on Thursday and that day only 497 were sold. If the total number of tickets sold was 1,452, then which number sentence shows how to find how many tickets were sold on Friday?

- (A)  $1,452 + 497 = \square$                       (C)  $1,452 \times 497 = \square$   
 (B)  $1,452 - 497 = \square$                       (D)  $1,452 \div 497 = \square$

8

Mark wanted to buy 6 CDs at the store. Each CD costs \$10. How much money does Mark need to buy all 6 CDs?

Which expression can be used to find out how much money Mark needs to buy the CDs?

- (A)  $10 + 6$                       (B)  $10 - 6$                       (C)  $10 \div 6$                       (D)  $10 \times 6$

9

Sally has \$35. She buys lunch that costs  $y$  dollars. Which expression can be used to find out how much money Sally has left after she buys lunch?

- (A)  $\$35 + y$                       (B)  $\$35 - y$                       (C)  $y - \$35$                       (D)  $\$35 \div y$

10

Mr. Fisher arranged his classroom into 6 groups of 5 students. Which expression represents how Mr. Fisher arranged his classroom?

- (A)  $6 + 5 + 6 + 5 + 6 + 5 + 6 + 5 + 6 + 5$   
 (B)  $6 + 6 + 6 + 6 + 6$   
 (C)  $5 + 5 + 5 + 5 + 5 + 5$   
 (D)  $5 + 5 + 5 + 5 + 5$