

Name _____ Date _____

Algebraic Expressions Practice

Write the expression for each phrase below.

1. seven less than a number _____
2. four times a number _____
3. three more than a number _____
4. twice a number _____
5. a number less than 9 _____

6. **Which word describes the letter "t" in the expression below?**

$9t$

- A** whole number
- B** operation
- C** algebra
- D** variable

7. **Which of these could be solved using the open sentence $8 + 3 = c$?**

- A** Allison had eight cookies. She gave three to her brother. How many cookies does she have left?
- B** Allison had eight cookies. Her brother gave three two more. How many does she have in all?
- C** Allision had eight cookies. She divided them among three friends. How many did each friend receive?
- D** Allison had eight cookies. Three of them had sprinkles. How many did not have sprinkles?

8. **Tony has twice as many baseball cards in his collection as his friend Antwon. Antwon has 32 cards. Which number sentence could be used to find b , the number of baseball cards that Tony has?**

- A** $b = 32 - 2$
- B** $b = 32 + 2$
- C** $b = 32 \times 2$
- D** $b = 32/2$

9. Which of the following expressions represents the phrase "8 more than a certain number"?

- A $8 - n$
- B $n - 8$
- C $n + 8$
- D $8 + n$

10. Which expression represents the problem situation (story) below?

There are some birds roosting in the tree. Twelve fly away. How many birds are left?

- A $x - 12$
- B $x + 12$
- C $12 + x$
- D $12 - x$

BONUS:

Write a problem situation (story) for the following expression:

16/n
