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

_____

_____

_____

_____