

Name _____

Writing Expressions

Write the phrase as an expression.

- | | |
|------------------------------|----------------------------------|
| 1. 12 more than x _____ | 2. x less than 36 _____ |
| 3. one-third of a _____ | 4. 17 times s _____ |
| 5. b multiplied by 5 _____ | 6. y to the fourth power _____ |
| 7. 64 plus k _____ | 8. u tripled _____ |
| 9. p cubed _____ | 10. 18 minus x _____ |
| 11. 4 less than k _____ | 12. z increased by 12 _____ |

Write an expression to answer each question.

13. What is the product of 82 and g ? _____
14. What is the difference between n and 7? _____
15. What is the quotient of 32 and x ? _____
16. What is the sum of h and 7? _____
17. What is 31 less than c ? _____
18. What is the fifth power of t ? _____
19. What is one-eighth of r ? _____
20. Carolyn made t batches of 12 cookies. How many cookies did she make? _____
23. Science A spider has 8 legs. How many legs do s spiders have? _____

THIS WAY TO SIDE 2



I. WRITE A 1-STEP ALGEBRAIC EXPRESSION FROM THE PHRASE

- 45 fewer than a number, d _____
The product of a number p and 7 _____
9 less than a number, k _____
The quotient of 20 and a number, c _____

II. WRITE A VERBAL PHRASE USING CHART WORDS FOR THE ALGEBRAIC EXPRESSION

- $c - 18$ _____
 $m \div n$ _____

III. WRITE A 1 STEP ALGEBRAIC EXPRESSION FROM THE WORD PROBLEM

Terrell's dog, Sparky gained 8 pounds in the last year. If his weight last year was called k , write an expression that shows how much Sparky weighs now.

Five friends equally shared a lunch bill, b . Write an algebraic expression for the amount each friend paid.

- IV. An orange grower grows three types of orange trees. The expression describes how many bags of oranges she produces: **$9a + 16b + 10c$**

Where a is the number of trees of Type A, b is the # of trees of Type B, and c is the # of trees of Type C. How many total bags of oranges will the grower produce if she has 10 trees of type A, 5 trees of type B, and 20 trees of type C? show your work...

- V. For this last question PLEASE go back to CLASSKICK FILE 27 (from Friday) and complete as many evaluating expressions pages that you did not complete with your stylus from page 25 to 41 as you can. These should all be completed in the next couple of days to start Algebra in a strong way... so why not do as many as you can now!!! Thank you. If it's turning red, raise a yellow hand and ASK for help.

