



LESSON
1-6

Practice

Writing Algebraic Expressions

Write each phrase as an algebraic expression.

1. 125 decreased by a number _____
2. 359 more than z _____
3. the product of a number and 35 _____
4. the quotient of 100 and w _____
5. twice a number, plus 27 _____
6. 12 less than 15 times x _____
7. the product of e and 4, divided by 12 _____
8. y less than 18 times 6 _____
9. 48 more than the quotient of a number and 64 _____
10. 500 less than the product of 4 and a number _____
11. the quotient of p and 4, decreased by 320 _____
12. 13 multiplied by the amount 60 minus w _____
13. the quotient of 45 and the sum of c and 17 _____
14. twice the sum of a number and 600 _____
15. There are twice as many flute players as there are trumpet players in the band. If there are n flute players, write an algebraic expression to find out how many trumpet players there are. _____
16. The Nile River is the longest river in the world at 4,160 miles. A group of explorers traveled along the entire Nile in x days. They traveled the same distance each day. Write an algebraic expression to find each day's distance. _____
17. A slice of pizza has 290 calories, and a stalk of celery has 5 calories. Write an algebraic expression to find out how many calories there are in a slices of pizza and b stalks of celery. _____
18. At Grant Cinemas, adult tickets cost \$8.50 and children's tickets cost \$5.50. Write an algebraic expression for the cost of a adult tickets and c children's tickets. _____