

Score: _____

Student Name: _____

Algebraic Expressions

Translate the given phrase into algebraic expression:

1. Take away 6 from 5 times of g
Answer: _____

2. 5 more than quotient of x and 3
Answer: _____

3. Add 2 times of k and one-third.
Answer: _____

4. 9 less than 8 times of y
Answer: _____

5. One-half of q is added to 7
Answer: _____

6. Two-third of the sum of 5 and m
Answer: _____

7. Six-fifth of h is subtracted from 3
Answer: _____

8. 5 less than quotient of w and 7.
Answer: _____

Write an algebraic expression. Use the variable x.

Example: Fifty more than the number.

Solution: $50 + x$

1. Six times last year's quota _____
2. The number of tickets less eight _____
3. The product of the number of cars and five _____
4. The number of cents decreased by 10 _____
5. Five hundred dollars divided by the number of men _____
6. The number of books decreased by 3 _____
7. Twenty minus the number of days _____
8. Four more than twice the number of machines _____
9. Six less than four times the number of active players _____
10. Six more than the number of policies divided by 5 _____
11. Thirty plus the number of liters minus 7 _____
12. Seventeen students more than last year's number _____
13. Eighteen more than twice the number of calculators _____
14. The quotient of fifty dollars and the number of hours _____
15. Twenty miles less than the old route _____
16. Ninety dollars divided by the cost of one machine _____
17. Twelve inches less than twice the length _____
18. The difference between some amount and 200 dollars _____
19. Nine more than three times the number of pens _____
20. Eight fewer than twice the number of pages _____

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SOLVING EQUATIONS

