

Name : \_\_\_\_\_

## Translating Sentences: Multi-Step Equations

MS3

Translate each sentence into an algebraic equation.

1) The quotient of 9 subtracted from the square of  $t$  and 6 is equal to 12. \_\_\_\_\_

2) The difference between 2 and the cube of  $y$  gives seven-eighths. \_\_\_\_\_

3) The total of thrice times  $b$ . \_\_\_\_\_

4) 8 added to the \_\_\_\_\_

5) 23 decreased by \_\_\_\_\_

6) One-half plus  $t$  \_\_\_\_\_

7) The ratio of the equal to 12. \_\_\_\_\_

8) Subtract 4 from double the square of  $n$  gives one-half. \_\_\_\_\_

9) 8 added to one-sixth of the cube of  $k$  is equal to 28. \_\_\_\_\_

10) Subtracting two-thirds from thrice the square of  $t$  gives 2. \_\_\_\_\_

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