

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

## Translating Phrases

MS3

Translate each verbal phrase into an algebraic equation or inequality.

1) The square of  $x$  added to the difference between  $y$  raised to the power of 3 and  $z$  is greater than 2. \_\_\_\_\_

2) 2 added to the ratio of  $h$  to  $g$  is same as 14. \_\_\_\_\_

3) 1 increased by  $t$  \_\_\_\_\_

4) The product of  $m$  and  $n$  is three-fifths. \_\_\_\_\_

5)  $j$  diminished from  $k$  \_\_\_\_\_

6) The quotient of  $a$  and  $b$  \_\_\_\_\_

7) The ratio of the sum of  $s$  and  $t$  to  $u$  is equal to 21. \_\_\_\_\_

8) The quotient of  $s$  and the square of  $t$  is greater than or equal to 26. \_\_\_\_\_

9) 1 added to the quotient of  $e$  and 3 gives 5. \_\_\_\_\_

10) The sum of 6 and twice of  $r$  is not equal to 16. \_\_\_\_\_

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