

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

## Translating Phrases

MS1

Translate each verbal phrase into an algebraic equation or inequality.

1) 5 increased by thrice the square of  $y$  is greater than 11.

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2) 4 subtracted from the ratio of  $n$  to  $m$  is not equal to 9.

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3) The cube of  $r$  added to  $s$  gives 29.

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4) The ratio of  $d$  to  $e$  is less than 15.

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5) 15 subtracted from  $f$  is less than  $g$ .

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6) 5 increased by  $t$  is one-quarter of  $u$ .

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7) Half of  $z$  added to  $w$  is less than 10.

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8) 13 decreased from the quotient of  $7$  and  $c$  is not equal to  $1$ .

\_\_\_\_\_

9) The ratio of three times the product of  $v$  and square of  $w$  to 5 is less than 2.

\_\_\_\_\_

10) The ratio of the cube of  $p$  to  $q$  is greater than 13.

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