

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

## Translating Linear Inequalities

TMS2

Translate each verbal phrase into an inequality.

1) Two-thirds of the sum of  $x$  and 4 is greater than 9. \_\_\_\_\_

2) Three added to two-ninths of  $x$  is at least 1. \_\_\_\_\_

3) One-fifth diminished by 2 is less than 2. \_\_\_\_\_

4) 12 added to three times  $x$  is at most 18. \_\_\_\_\_

5) Five-sevenths of  $x$  is at least 10. \_\_\_\_\_

6) Six is not greater than  $x$ . \_\_\_\_\_

7) The sum of one-third of  $x$  and 4 is at most 10. \_\_\_\_\_

8) Two-ninths added to product of  $x$  and 4 is at most 5. \_\_\_\_\_

9) Sixteen is greater than the sum of 3 and two-fifths of  $x$ . \_\_\_\_\_

10) Half of eleven subtracted from the product of  $x$  and 8 is at least 7. \_\_\_\_\_

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