

Name : _____

Translating Linear Inequalities

TES3

Translate each verbal phrase into an inequality.

1) Ten less than three times a number is greater than 11 _____

2) The sum of nine times x and two is at most 5 _____

3) Eight more than _____

4) Three less than 4 _____

5) Twice the sum of _____

6) Fourteen more than _____

7) One more than _____

8) Two times the difference between x and 4 is less than 13 _____

9) Thrice the sum of x and 1 is not less than 16 _____

10) Seven times the sum of x and 12 is not greater than 15 _____

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Answer Key

Translating Linear Inequalities

TES3

Translate each verbal phrase into an inequality.

1)	Ten less than three times a number is greater than 11	$3x - 10 > 11$
2)	The sum of nine times x and two is atmost 5	$9x + 2 \leq 5$
3)	Eight more than	$2x + 8 \geq 6$
4)	Three less than 4	$4x - 3 < 12$
5)	Twice the sum o	$2(9 + x) > 20$
6)	Fourteen more t	$3x + 14 \leq 7$
7)	One more than f	$5x + 1 \geq 8$
8)	Two times the difference between x and 4 is less than 13	$2(x - 4) < 13$
9)	Thrice the sum of x and 1 is not less than 16	$3(x + 1) \geq 16$
10)	Seven times the sum of x and 12 is not greater than 15	$7(x + 12) \leq 15$

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