

Name : _____

Translating Linear Inequalities

OS2

Translate each verbal phrase into an inequality.

1) A total of four and x is less than or equal to 8

2) 17 subtracted from x is at least 19

3) 11 more than x is

4) x multiplied by 6

5) The ratio of x to 2

6) x take away 7 is

7) 3 more than x is

8) The product of x and 8 is not less than 16

9) The difference between x and 2 is less than 9

10) The quotient of x and 4 is greater than or equal to 5

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Answer Key

Translating Linear Inequalities

OS2

Translate each verbal phrase into an inequality.

1)	A total of four and x is less than or equal to 8	$4 + x \leq 8$
2)	17 subtracted from x is at least 19	$x - 17 \geq 19$
3)	11 more than x is	$x + 11 < 3$
4)	x multiplied by 6	$6x > 12$
5)	The ratio of x to 2	$\frac{x}{2} \leq 14$
6)	x take away 7 is	$x - 7 > 10$
7)	3 more than x is	$x + 3 \leq 1$
8)	The product of x and 8 is not less than 16	$8x \geq 16$
9)	The difference between x and 2 is less than 9	$x - 2 < 9$
10)	The quotient of x and 4 is greater than or equal to 5	$\frac{x}{4} \geq 5$

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