

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)  $x$  reduced by 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

\_\_\_\_\_

**PREVIEW**

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

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

## 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 reduced by 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	$\frac{x}{4} \geq 5$

**PREVIEW**

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)