

1.4 Write Equations & Inequalities

Translations again!

Equation have an =

Inequalities have $>$, \geq , \leq , $<$

greater than
greater than or equal
less than or equal
less than

Sign
=

Translation

is equal to, equal to, is

$<$

is less than, fewer than

\leq

is less than or equal to, at most

$>$

is greater than, more than

\geq

is greater than or equal to, at least

a) 8 less than twice a # n is less than 12.

↓

$2n - 8 < 12$

b) The product of 6 and x is 24

a) 8 less than twice a # n is less than 12.

\downarrow

$2n - 8 < 12$

b) The product of 6 and x is 24