Writing Equations and Inequalities

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Symbol	Meaning	Other Words
=	equal to	the same as
<	less than	fewer than
>	greater than	more than
≤	less than or equal to	• at the most • no more than
≥	greater than or equal to	• at least • no less than

Write an equation or inequality for each

Ex1) The sum of 10 and a number is equal to 15.

Ex2) The difference of 9 and y is at least 12.

Ex3) The product of 10 and the quantity 4 times a number n is less than 20.

Ex4) 5 less than a number x is no more than 15.

Check is each solution is true

Ex5) x + 8 = 21 ; 15

Ex6) 5 + 3x > 20 ; 5

Ex7) 4z − 15 ≤ 5 ; 5

Ex8) 2x + 1 ≥ x + 5; 3