

Name: Class:

Inequalities with addition and subtraction

Choose a number that makes the expressions below true. Tick all that apply.

a. $10 + x > 15$

 25 2

To do this, let's substitute each value in place of x and solve.

 When $x = 25$

$10 + 25 > 15$

$35 > 15$

 When $x = 2$

$10 + 2 > 15$

$12 < 15$

You see that substituting 25 in place of x makes the expression true.

b. $279 + 50 > x$

 329 199 240

g. $66 < 35 + x$

 32 40 12

c. $50 < 79 - x$

 55 23 40

h. $101 - x > 50$

 78 49 100

d. $x - 251 > 512 - 213$

 605 315 529

i. $x - 10 > 5$

 17 10 8

e. $29 - x = 18$

 10 11 29

j. $20 - x = 15$

 10 5 29

f. $879 = 526 + x$

 600 353 532

k. $30 + 20 = x - 50$

 200 100 50

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