Name: .... Class: ....

Solving multi-step inequalities

Which sign makes the statement true? Complete with <, >, or = signs.

Example:

8 + 17 _____ 29 - 4

Let's first of all solve the right hand side.
8 + 17 = 25.
Then solve the right hand side
29 - 4 = 25.
Now, let's compare,
Since 25 is equal to 25 it implies that 8 + 17 __=__ 29 - 4.

a.   3 + 5 _____ 10   □

b.   11 - 7 _____ 4 + 7   □

c.   16 _____ 7 + 9   □

d.   13 + 6 _____ 8 + 9   □

e.   12 - 4 _____ 15 - 7   □

f.   50 _____ 100 - 50   □

g.   19 - 7 _____ 14 + 5   □

h.   18 - 7 _____ 18 - 9   □

i.   63 _____ 52 - 39   □

j.   58 + 12 _____ 37 + 33   □

k.   72 + 48 _____ 120   □

l.   28 - 17 _____ 21   □

m.   17 - 0 _____ 16 - 0   □

n.   16 - 5 _____ 13 - 1   □

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a.	3 + 5 _____ 10	**<**
b.	11 - 7 _____ 4 + 7	**<**
c.	16 _____ 7 + 9	**=**
d.	13 + 6 _____ 8 + 9	**>**
e.	12 - 4 _____ 15 - 7	**=**
f.	50 _____ 100 - 50	**=**
g.	19 - 7 _____ 14 + 5	**<**

h.	18 - 7 _____ 18 - 9	**>**
i.	63 _____ 52 - 39	**>**
j.	58 + 12 _____ 37 + 33	**=**
k.	72 + 48 _____ 120	**=**
l.	28 - 17 _____ 21	**<**
m.	17 - 0 _____ 16 - 0	**>**
n.	16 - 5 _____ 13 - 1	**<**