

Math 4B. Classwork #23



1) Rewrite the following expressions without parenthesis:

a) $-3.64 - (12.45 - 3.64) =$

b) $1\frac{3}{8} + \left(-2\frac{7}{9} + \frac{5}{8}\right) =$

c) $(5.6 - 7.2) - (-7.2 + 3.4) =$

d) $\left(2.4 - \frac{2}{3}\right) + 2.4 - \left(1.8 + 1\frac{5}{6}\right) =$

e) $45 - (-7 + 18) - (34 - 18 + 26) =$

f) $-9.7 + (-3.8 + 5.2) - (2.9 - 5.2 - 9.7) + 3.8$

g) $-(a - b)$

h) $-(c + d)$

i) $-(-x + y)$

j) $d - (-k + t)$

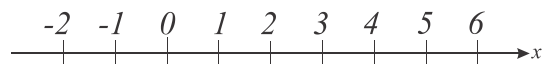
k) $-m + (a - c)$

Inequalities.

Can you find all x satisfying two following inequalities at the same time: $x \geq -1$ and $x < 5$?

Write the set X containing all whole numbers satisfying these two inequalities at the same time?

The answer is :



Solve:

1. $x + 3 > 5x - 5$

2. $4x - 3 \neq 0$

3. $3(x - 1) < 5x + 9$

4. $2x - 1 > -x + 3$

5. $|x| > 8$

- I want to spend less than a 150\$ on the gifts for my 25 students. Write an inequality to represent the price I want to pay per each gift

Geometry: