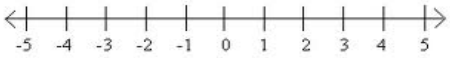
Aldine 9: Algebra Homework #10		Assigned	Due
		A: 9/23 Tues	A: 9/25 Thurs
Name:	Period:	B: 9/24 Wed	B: 9/26 Fri

THIS HOMEWORK HAS PROBLEMS ON THE BACK!!

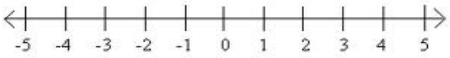
Graph each inequality on the number line.

x > - 2

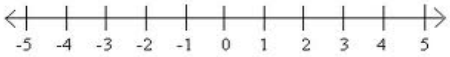


c ≤ 3

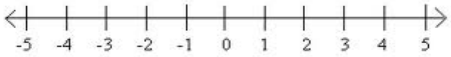
d > - 1



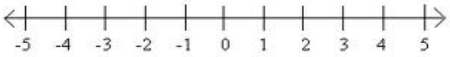
r ≤ - 5



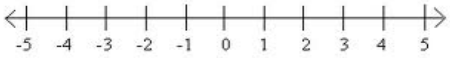
j < 0



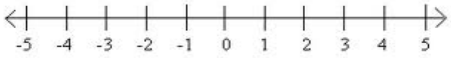
y ≥ - 4



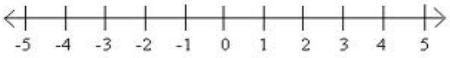
w ≥ - 2



h < 5



m ≥ - 1

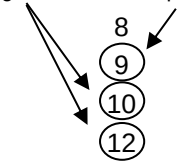


Circle number(s) that make the inequality true.

Examples:

x ≥ 9

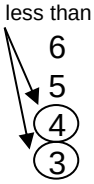
greater than or equal to 9



x < 1	x > 11	x ≤ 8	x ≥ 23
less than 1	greater than 11	less than or equal to 8	greater than or equal to 23
3	11	15	23
2	12	11	24
1	13	8	25
0	14	-4	26

x < 5

less than 5



x > - 10	x ≤ 1	x ≥ -5	x < -20
-11	5	-6	-18
-10	0	-5	-19
-9	-5	2	-20
-8	-11	0	-21

THIS HOMEWORK HAS PROBLEMS ON THE BACK!!

Combine Like Terms

$4x + 6x - 3x =$

$6s - 6s + s =$

$5r + 11 - 3r - 6 =$

$6j + 3d + j + d + d =$

$7x - 5y - 7x - y =$

$x + y + x + y + x =$

Distribute

$5 (x + 5) =$

$7 (3x - 1) =$

$10 (- 2x + 3) =$

$6 (x - 6) =$

$4 (- 2x - 5) =$

$8 (3x - 3) =$

Solve the equation

$3x + 2 = 20$

$\frac{3}{5} x = 12$

What does it mean if you write "infinitely many" for the solution to an equation?

Translate: Write 3 words that mean the same. One word for ADD is done for you.

Add	Subtract	Multiply	Divide
sum			