Aldine 9: Algebra Homework #11		Assigned	Due
		A: 9/25 Thurs	A: 9/29 Mon
Name:	Period:	B: 9/26 Fri	B:9/30 Tues

1) What is the perimeter of the rectangle?

15x - 2

5 x | Perimeter = ?

2) Translate: 7 times the sum of **r** and 9 is the same as 10 less than twice **r**.

3) What is the missing expression?

6x + 5y + 4 + (???) = 7x + 3y + 5

A x - 8y + 1

B 2x + 2y - 1

C 13x - 8y + 9

D x - 2y + 1

4) What is the missing step in the work below?

5 - 3 (2x - 1) = - 46

[ ]

- 6x = - 54

x = 9

F 2 (2x - 1) = - 46

G 5 - 6x + 3 = - 46

H 5 - 3 (x) = - 46

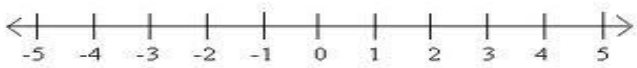
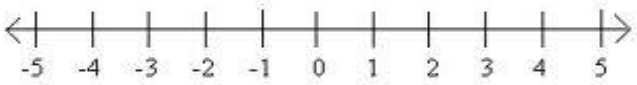
J 5 - 6x - 3 = - 46

5) Distribute & Combine Like Terms

- 5 (- y - 3) - (y - 6) + 4y

6) Solve the equation: 4 (2x - 1) = 6x + 2x - 4

7) Solve and graph: - 4x + 16 $\geq$ 0



8) Graph the inequality: 2 < x.