

*Aldine 9: Algebra Homework #6*

Assigned

Due

A: 9/9 Tues

A: 9/11 Thurs

B: 9/10 Wed

B: 9/12 Fri

Name:

Period:

Solve each equation.

1)  $3x - 10 = 11$

2)  $4(2x + 3) + 3x = 45$

3)  $9x - 7x = 24$

4)  $2(x + 3) = 20$

5)  $5(3x + 1) = 35$

6) 5 more than twice x is 21

*Translate & then solve*

**Distribute and Combine Like Terms**

7)  $6(5x - 3) + 4x + 18$

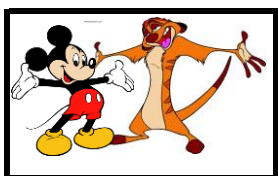
8)  $2(-4s + 1) - 6(2s + 2)$

*Hint: distribute "-9" first!*

9)  $2 - 9(x - 4)$

**Find the Perimeter by Combining Like Terms**

10)



$3x - 2$

$5x + 6$

**Solve each 1-step equation.**

11)  $\frac{2}{3}x = 8$

12)  $-x = 11$

13)  $\frac{x}{4} = 24$