

Math 95  
Quiz 2 (2.5, 4.1)

1) Find the intercepts of the function:  $4x+2g(x)=7$ . Then graph the functions by using the intercepts.

2)

a) Find a linear function parallel to  $2x+6y=4$  with a .y-intercept= $(0,6)$ .

b) Find a linear function perpendicular to  $2x+6y=4$  with a .y-intercept= $(0,6)$ .

3) Write all solutions for the inequality,  $x \leq -7$ , using both set **and** interval notation.

4) Solve and write solutions using set **or** interval notation for the following inequality:  $5[3m-(m+4)] > -2(m-4)$