NOTES SECTION 2.3: QUICK GRAPHS OF LINEAR EQUATIONS

SLOPE-INTERCEPT FORM

GRAPHING EQUATIONS IN SLOPE-INTERCEPT FORM

EXAMPLE 1
Graph

EXAMPLE 2

To buy a $1200 stereo, you pay a $200 deposit and then make weekly payments according to the

equation _____, where a is the amount you owe and t is the number of weeks.

a) How much do you owe originally?	b) What is your weekly payment?

X-INTERCEPT	**Y-INTERCEPT**

STANDARD FORM

GRAPHING EQUATIONS IN STANDARD FORM

EXAMPLE 3

Graph _____ using standard form. Then rewrite the equation in slope-intercept form.

YOUR TURN

Graph _____ using standard form.

HORIZONTAL LINES	VERTICAL LINES

EXAMPLE 4

a) Graph _____

b) Graph _____

EXAMPLE 5

Students are selling tickets to a school play. The goal is to raise _____. Tickets are $4 for adults and $3 for students. Describe the numbers of adult and student tickets sold that will reach the goal.