**Warm Up: 3.2c: Linear Functions Name:**

**1.** A sandwich is $2.25 and a slice of pizza is $1.50 in the cafeteria. Write an algebraic expression for this relationship. (use ***x*** for sandwiches and***y*** for pizza)

**2.** You have $13.50 on your account, rewrite your expression as an equation equaling this.

 **a)** How many sandwiches could you buy? Write this *x-intercept* as a point:

 **b)** How many pizza slices could you buy? Write this *y-intercept* as a point:

**3.** Use the *x* and *y* intercepts to graph the function?

**4.** Find the following:

 **a.** *f(2, 4) =* **b.** *f(4, 3) =*

**5.** Put the function into slope intercept form by solving for *y*.

**Extra Credit:** Rewrite the equation by solving for *x*. Is this equation in slope intercept form?