



Pre-5.4 Activity

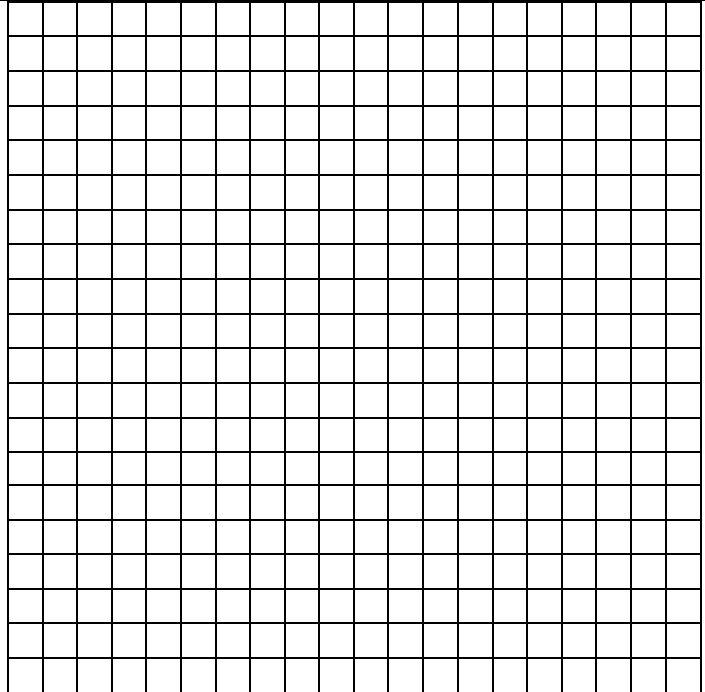
Class Activity #1 – Write a proportional relationship between x and y to represent the amount of money (y) based on the number of coins (x) that are in your pocket for the given conditions. Graph the relationship.

1) You only have quarters in your pocket.

Write an equation

Create a table

x		y	(x, y)

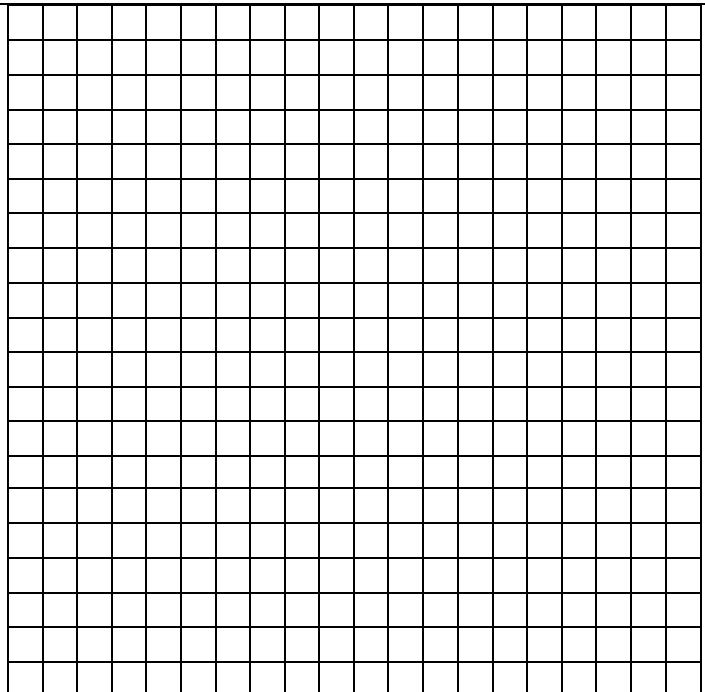


2) You only have nickels in your pocket.

Write an equation

Create a table

x		y	(x, y)

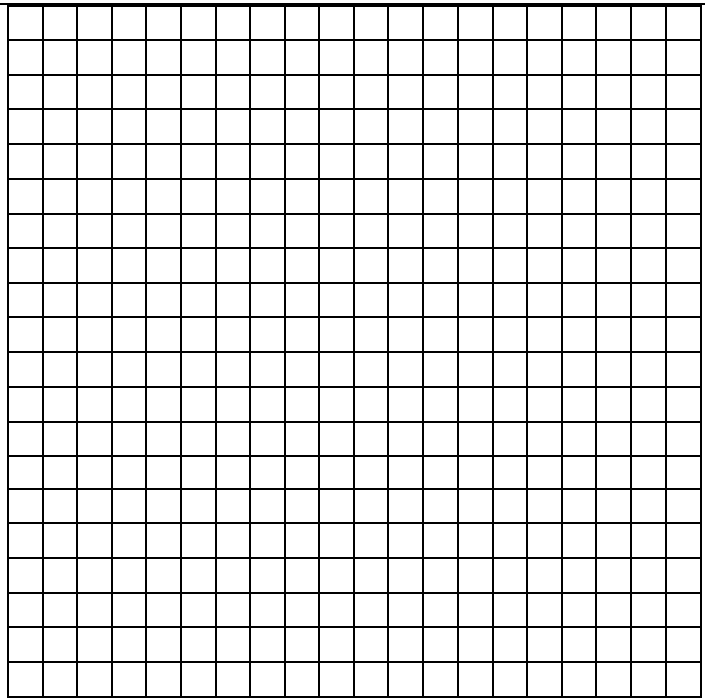


3) You only have dimes in your pocket.

Write an equation

Create a table

x		y	(x,y)



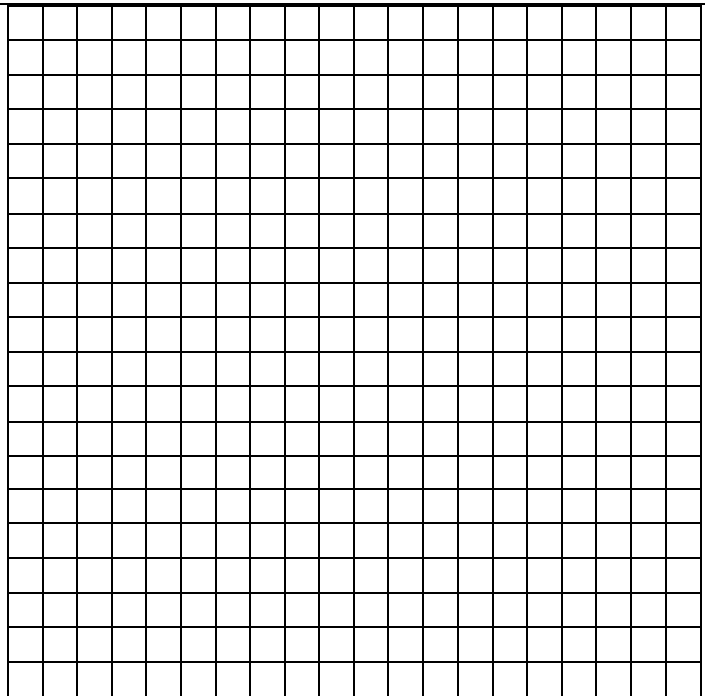
Class Activity #2 – Write an equation to represent the amount of money(y) based on the number coins(x) that are in your pocket for the conditions given. Graph the equation.

4) You have an unknown number of quarters in your pocket (x) and a single 1-dollar bill.

Write an equation

Create a table

x		y	(x,y)

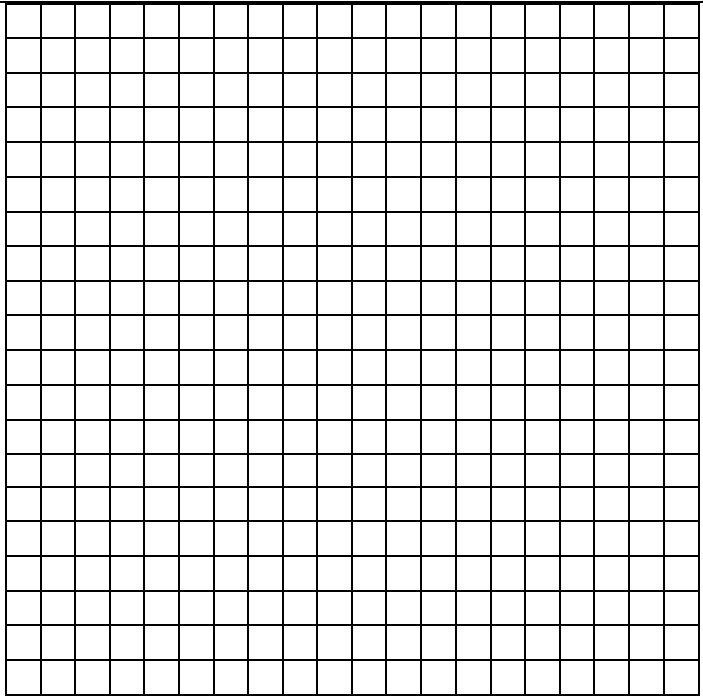


5) You have an unknown number of nickels in your pocket (x) and a single 1-dollar bill.

Write an equation

Create a table

x		y	(x, y)

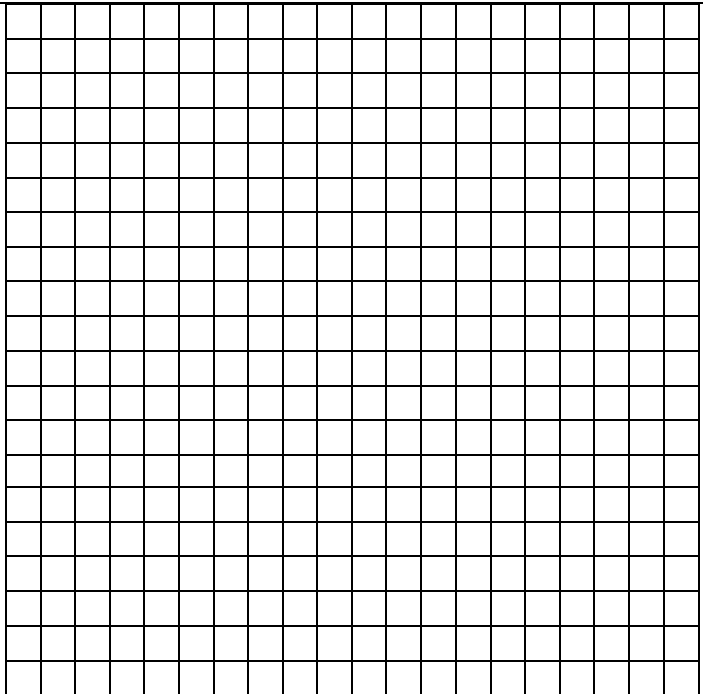


6) You have an unknown number of dimes in your pocket (x) and two 1-dollar bills.

Write an equation

Create a table

x		y	(x, y)



Extra - use as more practice, review, or homework.

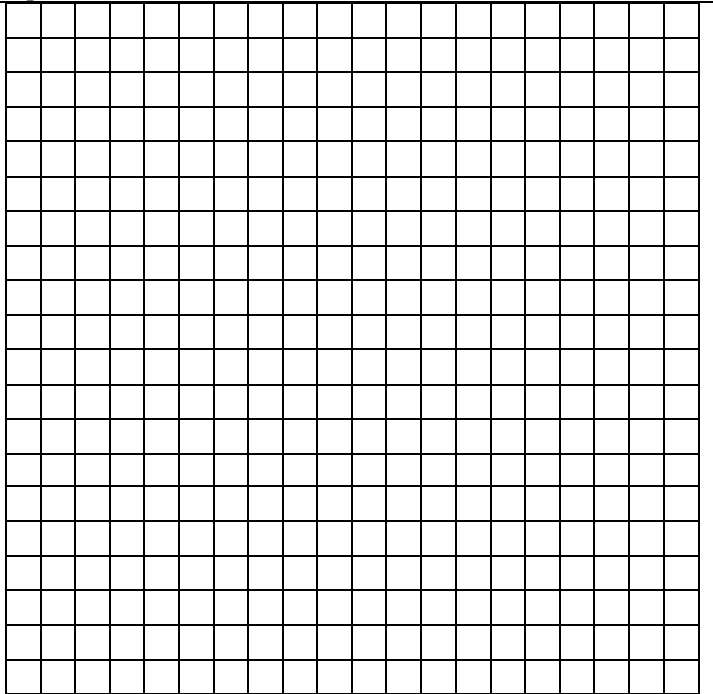
Instructions – Write a proportional relationship between x and y to represent the amount of money(y) based on the number of coins(x) that are in your pocket for the given conditions. Graph the relationship.

7) You only have half-dollars in your pocket.

Write an equation

Create a table

x		y	(x, y)

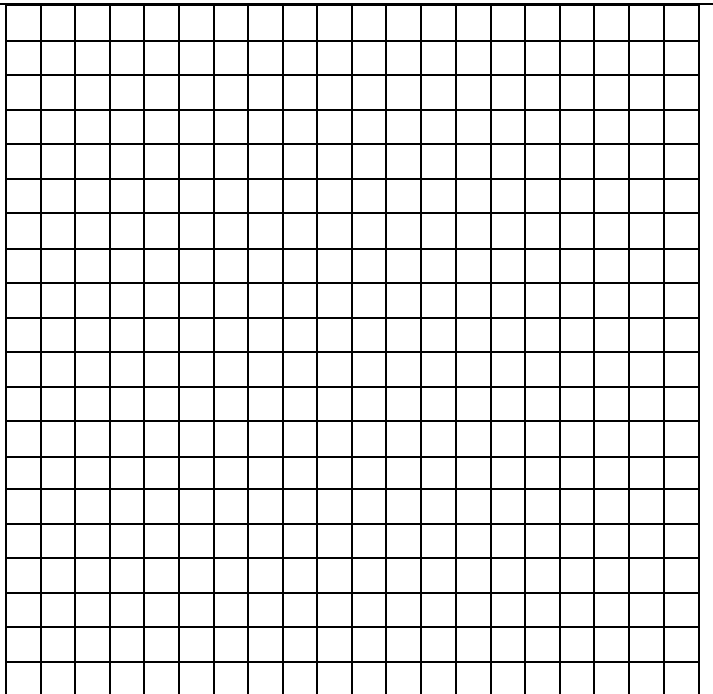


8) You only have pennies in your pocket.

Write an equation

Create a table

x		y	(x, y)



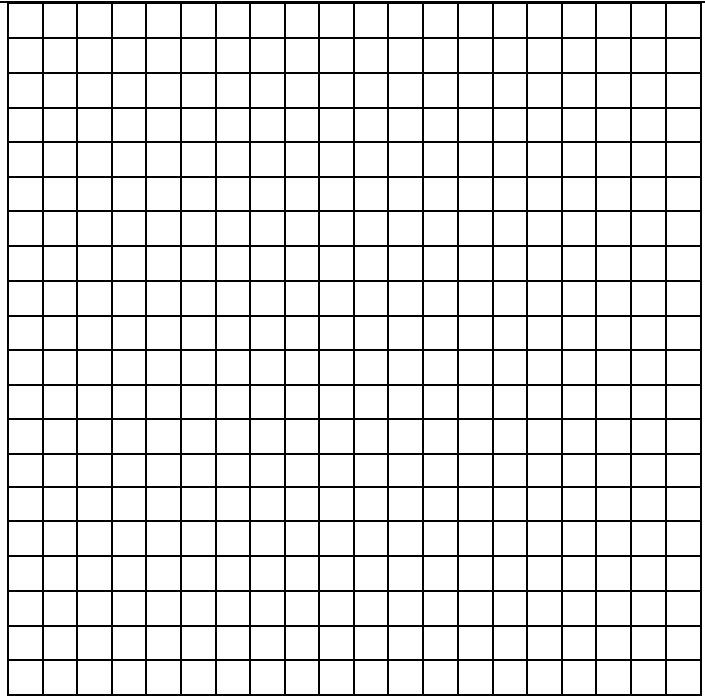
Instructions – Write an equation to represent the amount of money(y) based on the number coins(x) that are in your pocket for the conditions given. Graph the equation.

9) You have an unknown number of half-dollars in your pocket and two 1-dollar bills.

Write an equation

Create a table

x		y	(x, y)



10) You have an unknown number of pennies in your pocket (x) and three 1-dollar bills.

Write an equation

Create a table

x		y	(x, y)

