Gift Card Representations
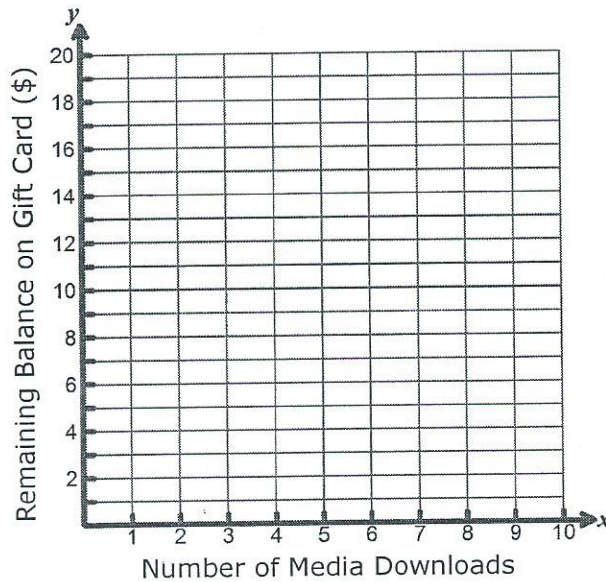
Charmaine received a gift card for $20 worth of media downloads. The cost of each download is $2.50. Complete each representation for this scenario below.

The remaining balance on the gift card depends on _____.

Number of Downloads, x	Remaining Balance on the Gift Card, y
0	
1	
2	
3	
4	
5	
6	
7	
8	

Create a graph for the situation.

Number of Media Downloads

Domain: _____

Range: _____

What function rule could be used to model this situation? _____
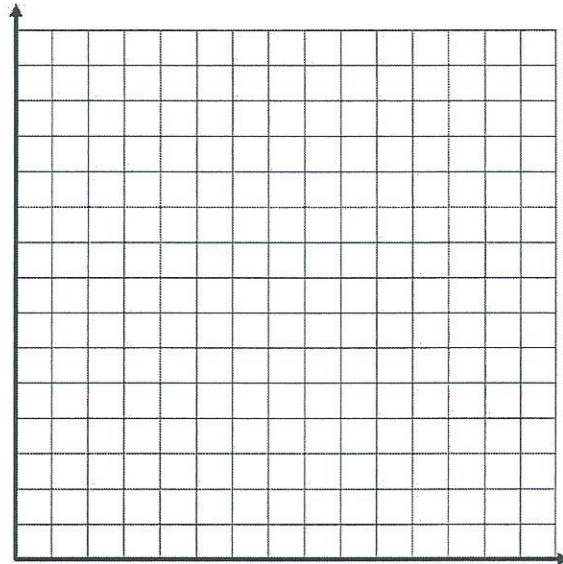
I Scream for Ice Cream

PROBLEM SITUATION: At the Hot Fudge Hut, ice cream sells by the scoop. Customers pay $1.25 for the cone and then $.75 for each scoop of ice cream.

Numerical Representation (Table)

x	Process	y
0		
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

Graphical Representation (Graph)

Title:

Algebraic Representation (Equation)

Define your variables:

Let x =

Let y =

Write the Equation:

Analysis

How much would you pay for 13 scoops of ice cream?

How many scoops of ice cream could you get for $8.00?