

Penny Jar Exploration

Name: _____

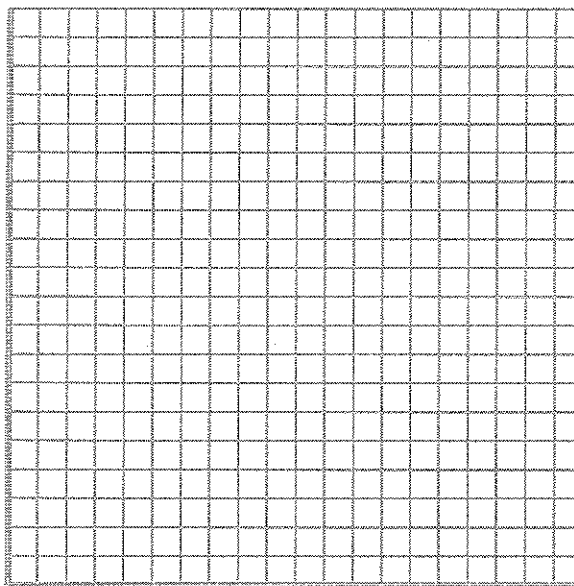
Exit ticket

Using the function below, write your own "penny jar" word problem:

$$y = 3x + 4$$

If Jacob collects baseball cards, and he starts off with 8 and buys 5 each week. Make a table and graph to show how many cards Jacob has each week. Make sure you label your axes.

Weeks	Total cards	Ordered Pairs
0		
1		
2		
3		
4		
5		



Write an equation to predict the number of cards per week.