Name_____ Period: ____

After the walkathon, Ms. Chang's class decided to use the money they earned to provide books for the children's ward at the hospital. They put the money in the school safe and withdrew fixed amounts each week to buy books.

This table represents the amount of money in the safe at the end of each week:

Week	Amount of Money at the End of Each Week
0	$144
1	$132
2	$120
3	$108
4	$96
5	$84

A. How much money is in the account at the start of the project? _____

B. How much money is withdrawn from the account each week? _____

C. Does the table above show a linear relationship? Justify your answer.

D. Suppose the students continue withdrawing the same amount of money each week. Sketch a graph of this relationship.

E. Write an equation that represents the relationship between the money in the account m and the number of weeks n.

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