



Table Problem Solving

Chandra opened a savings account with \$40. Every month, she deposits \$10 into her account. After one month, she had \$50. After two months, she had \$60. Complete the table below that shows Chandra's savings after 6 months. Then, use the table to answer the questions below.

Month	0	1	2				
Savings	\$40	\$50	\$60				

- (1) Explain why there is \$40 in savings at month "0".

- (2) Describe the pattern in the savings amounts. How could you use this pattern to determine the amount of Chandra's savings?

- (3) Use the pattern to predict how much money Chandra will have in her savings account after 12 months. Explain your process.

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Marty opened a savings account with \$110. He deposited \$4 each week into his account. After one week he had \$114. After 2 weeks he had \$118. Create a table below that shows Marty's savings after 8 weeks.

- (1) Explain why there is \$110 in savings at week "0".

- (2) Describe the pattern in the savings amounts. How could you use this pattern to determine the amount of Marty's savings?

- (3) Use the pattern to predict how much money Marty will have in his savings account after 12 weeks. Explain your process.



Table Problem Solving

This table shows the cost for several CDs. Complete the table and answer the questions below.

Number of CDs	Cost (in dollars)
2	10
4	20
6	30
7	
8	
9	45

- (1) Describe the pattern you used to determine the missing CD costs.
- (2) Use the table below to show your method for determining the relationship between the number of CDs and the cost.

Number of CDs	Process/Rule	Cost (in dollars)
2		10
4		20
6		30
7		
8		
9		45

- (3) Why would finding a rule or process be the best way to complete this table?