Diminishing Return

Level D

Rollie borrowed some money from his sister.

Their brother wanted to know how much Rollie borrowed, but Rollie wouldn't tell him.

Instead, Rollie gave his brother a riddle.

"Each month, I paid our sister one-third of the amount I still owed her plus an additional $3. At the end of 3 months, I still owed her $3."

Solve the riddle to find out how much money Rollie borrowed from his sister.

Explain how you arrived at your solution.