

Who ate my cheese?



The three blind mice stole a piece of cheese. In the night, the first mouse ate one-third of the cheese. Later, the second mouse ate one-third of the remaining cheese. Finally, the third mouse ate one-third of what was then left of the cheese. Among them, what fraction of the cheese did they eat?

Provide a model for this problem.

When you have solved this problem and can articulate your understanding, go to Room 205 of Stanley Hall to present your solution to the Master Teacher.