

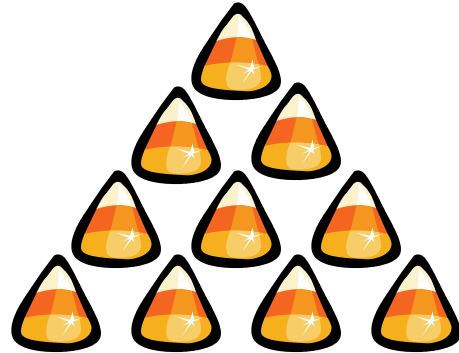
Name: _____ Date: _____

Candy Corn

Cam is making this pattern with her candy corn. She has 25 candy corns altogether to use in her design.

- How many rows will Cam have when she has used all of her candy corns?
- Will the last row be filled? If not, how many more candy corns would Cam need?

Use numbers, words, and/or pictures to explain your best mathematical thinking.

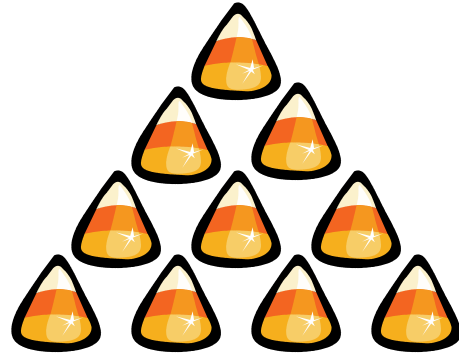


Name: Sample Solution Date: _____

Candy Corn

Cam is making this pattern with her candy corn. She has 25 candy corns altogether to use in her design.

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First, I made a table to show how the pattern grows:

Row	#corn in row	Last Total Used + this row	Total Used
1	1		1
2	2	$1 + 2$	3
3	3	$3 + 3$	6
4	4	$6 + 4$	10
5	5	$10 + 5$	15
6	6	$15 + 6$	21
7	7	$21 + 7$	28

Looking at the table, I can see that her 25 candy corns will make 7 rows. The 7th row will not be full. She would need 3 more candy corns to complete her design.