Name: _____

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18. Willa is studying the growth rate of a specific type of organism called a ciliate. She places 2 cells in a dish and records the number of cells over time. The table shows her results. If the pattern continues, how many cells will be in the dish after 12 hours?

Number of Hours	Number of Cells
2	2×2
4	$2 \times 2 \times 2$
6	$2 \times 2 \times 2 \times 2$
8	$2 \times 2 \times 2 \times 2 \times 2$

19. Christiano is performing a science experiment and studying the growth rate of a certain type of onion root cell under different conditions. He places a cell in a dish and records the number of cells each day. Based on the pattern shown in the table, predict the number of cells in the dish after 5 days.

Number of Days	Number of Cells
1	4
2	4×4
3	$4 \times 4 \times 4$

LIVEWORKSHEETS