Optional extension: growing patterns

NAME	DATE

1 **Optional extension · Extra content beyond Alberta Grade 1 requirements**

The rows show stages 1, 2 and 3 of a pattern. Each stage adds the same number of dots. How many dots will stage 5 have?

Stage 1 

Stage 2 

Stage 3 

2 **Optional extension · Extra content beyond Alberta Grade 1 requirements**

The rows show stages 1, 2 and 3 of a pattern. Each stage adds the same number of dots. Draw stage 4 and stage 5 below, one dot in each square.

Stage 1 

Stage 2 

Stage 3 

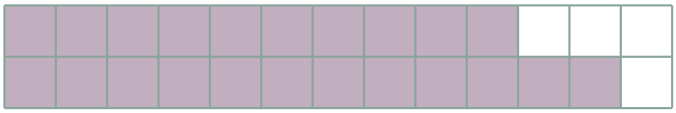
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1. 14

Practice / supporting evidence: Growing patterns are not the Grade 1 repeating-cycle requirement.

2. Top row (stage 4): 10 dots; bottom row (stage 5): 12 dots — 2 more each stage. Stage 5 with 11 dots (only 1 more), or the stages drawn the same, does not count.

Practice / supporting evidence: Growing patterns are not the Grade 1 repeating-cycle requirement.



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