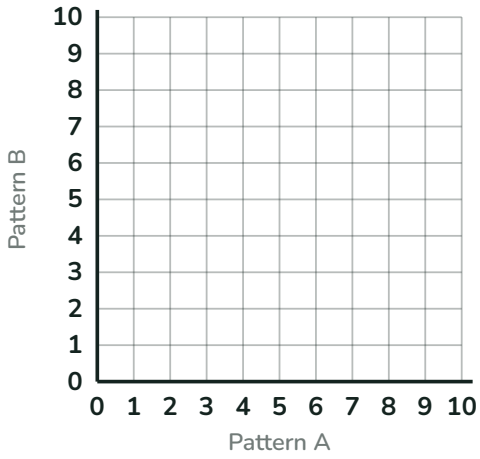
Two number patterns and their graph

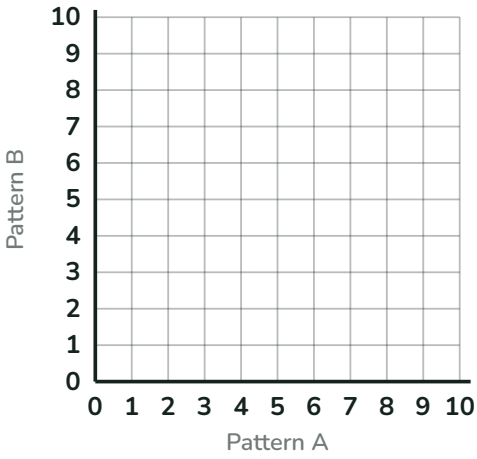
Grade 5 · Patterns & Rules

Name _____ Date _____

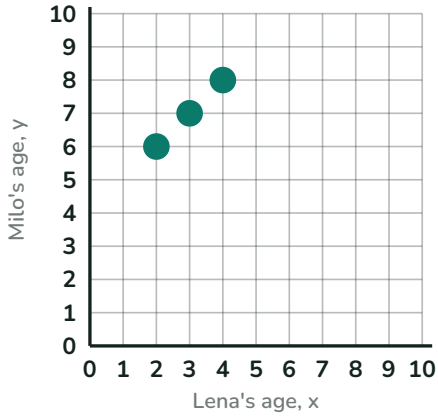
1 Pattern A: 0, 5, 10. Pattern B: 0, 3, 6. Plot the ordered pairs (0, 0), (5, 3) and (10, 6).



2 Pattern A: 0, 1, 2. Pattern B: 0, 2, 4. Plot the ordered pairs (0, 0), (1, 2) and (2, 4).



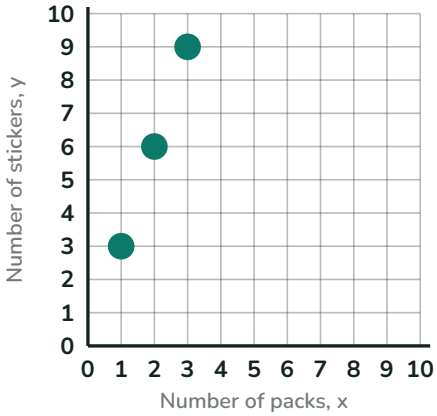
3



The graph shows Lena's age, x, and Milo's age, y, in years. Which rule gives every point on the graph?

Check one: ☐ **y = x + 1** ☐ **y = 3 × x** ☐ **y = x + 4**

4



Ravi's graph shows the number of packs, x, and the number of stickers, y. Which rule gives every point on the graph?

Check one: ☐ **y = x + 2** ☐ **y = 3 × x** ☐ **y = x + 3**

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