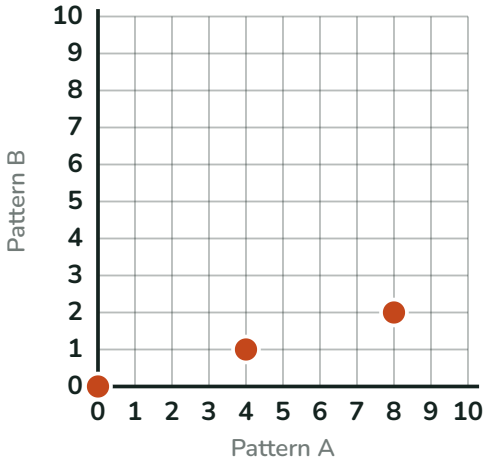
Two number patterns and their graph

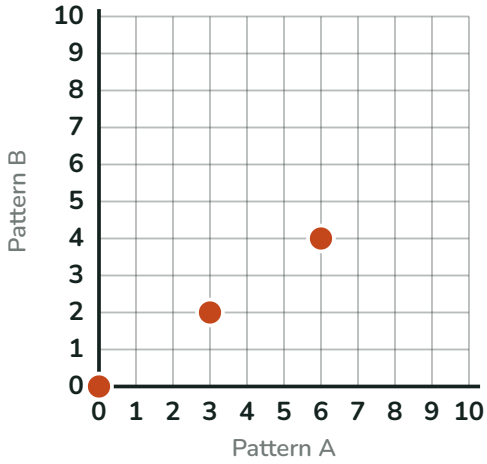
Grade 5 · Patterns & Rules

Answer key The answers are filled in.

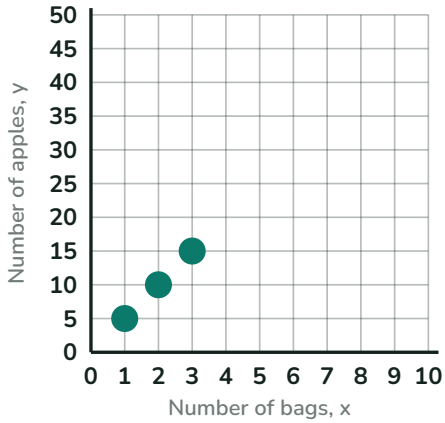
1 Pattern A: 0, 4, 8. Pattern B: 0, 1, 2. Plot the ordered pairs (0, 0), (4, 1) and (8, 2).



2 Pattern A: 0, 3, 6. Pattern B: 0, 2, 4. Plot the ordered pairs (0, 0), (3, 2) and (6, 4).



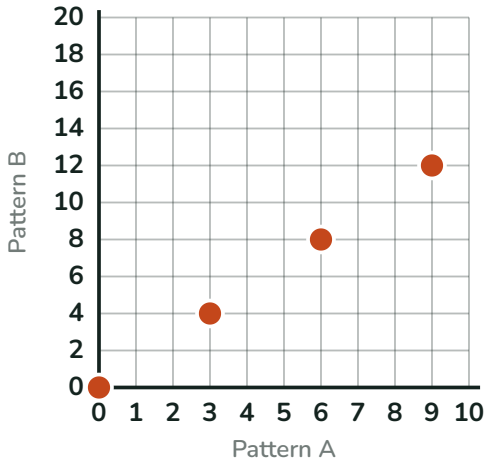
3



Pia's graph shows the number of bags, x, and the number of apples, y. Which rule gives every point on the graph?

Check one: ☐ y = x + 4 ☑ y = 5 × x ☐ y = x + 5

4 Pattern A: 0, 3, 6, 9. Pattern B: 0, 4, 8, 12. Plot the ordered pairs (0, 0), (3, 4), (6, 8) and (9, 12).



Score: ____ / 4