Otter Coordinate Pattern Rules

Grade 5 | Geometry | Coordinate plane | Color

Learner: _____ Date: _____

Follow each rule to make or analyze ordered pairs in the first quadrant. In (x, y), x moves across and y moves up.

TRY IT

Complete all six prompts. You may write, point, explain aloud, or use a scribe.

1 **Rule y = x + 2. If x = 1, point = (___, ___).**

_____

2 **Rule y = x + 2. If x = 4, point = (___, ___).**

_____

3 **Rule y = 2x. If x = 3, point = (___, ___).**

_____

4 **Which fits y = 2x: (4, 8) or (4, 6)?**

_____

5 **Points (1, 3), (2, 4), (3, 5) follow which rule?**

_____

6 **Make one ordered pair for y = x + 5.**

_____



Grown-up check: (1, 3); (4, 6); (3, 6); (4, 8); y = x + 2; answers include (1, 6), (2, 7), (3, 8), or any positive first-quadrant pair fitting the rule.

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