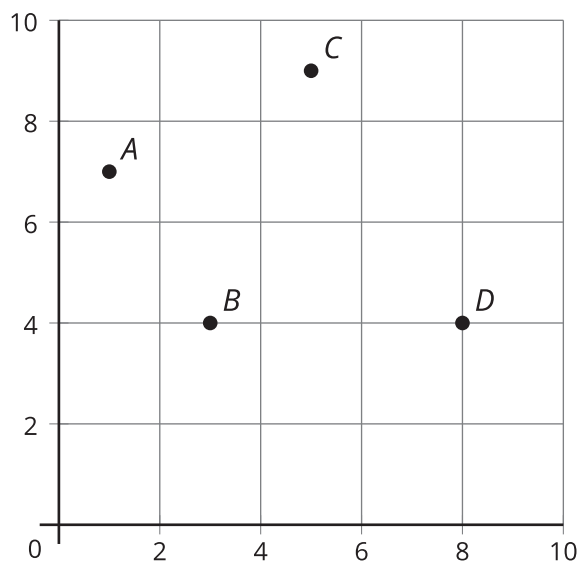


Lesson 11: Patterns and Ordered Pairs

- Let's graph patterns on the coordinate grid.

Warm-up: Notice and Wonder: The Coordinate Grid

What do you notice? What do you wonder?



11.1: Patterns on the Coordinate Grid, Part 1

Partner A

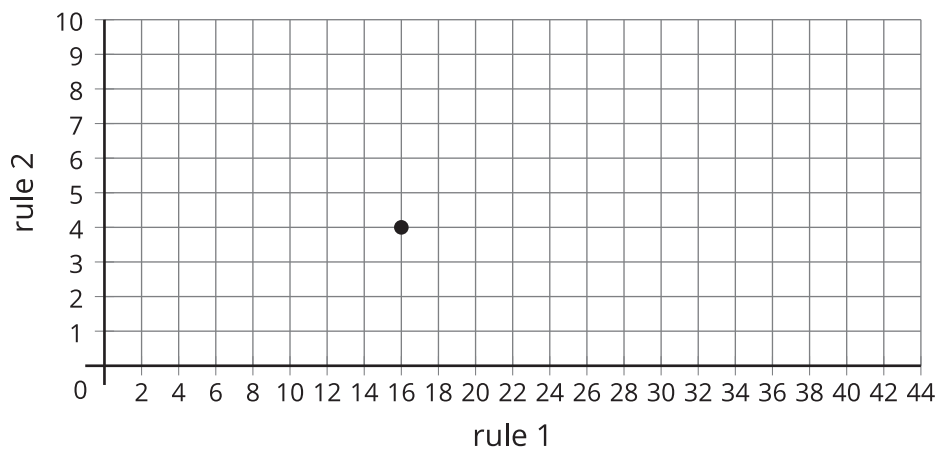
Rule 1: Start at 0. Keep adding 8.

Rule 2: Start at 0. Keep adding 2.

1. Use the rules to complete the table.

	A	B	C	D	E	F
rule 1						
rule 2						

2. Which table column represents the point on the coordinate grid? Label the point with the appropriate letter.



3. Plot and label the rest of the points.

Partner B

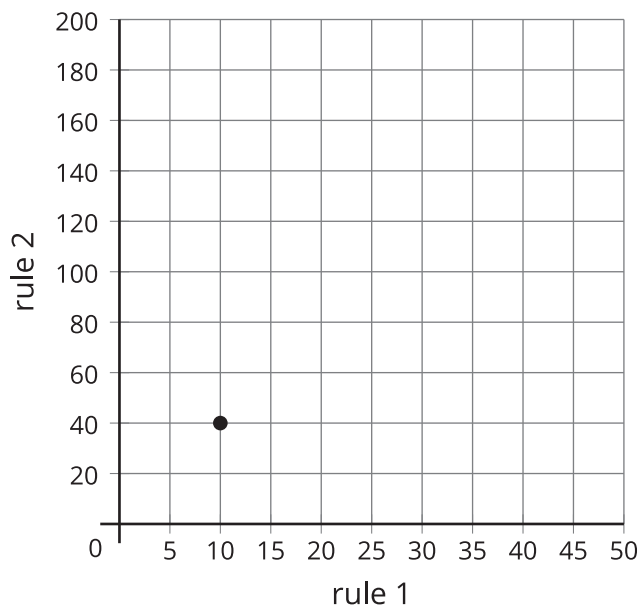
Rule 1: Start at 0. Keep adding 10.

Rule 2: Start at 0. Keep adding 40.

1. Use the rules to complete the table.

	A	B	C	D	E	F
rule 1						
rule 2						

2. Which table column represents the point on the coordinate grid? Label the point with the appropriate letter.



3. Plot and label the rest of the points.

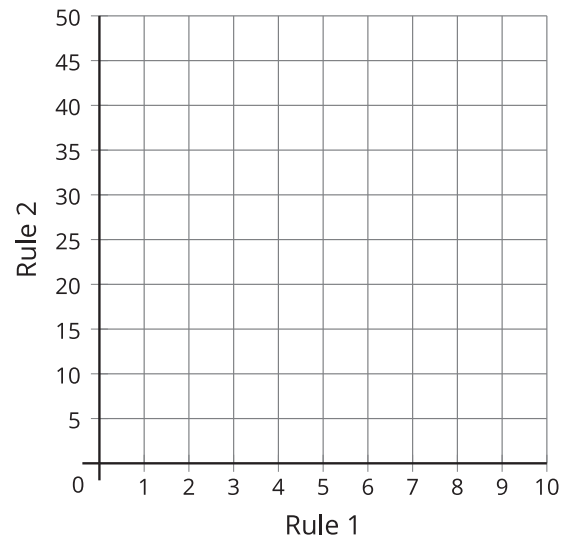
11.2: Patterns on the Coordinate Grid, Part 2

- Use the rules to complete the table.
 - Rule 1: Start with 0. Add 2.
 - Rule 2: Start with 0. Add 5.

	A	B	C	D	E	F
Rule 1						
Rule 2						

- What patterns do you notice between the corresponding terms of the two patterns?

- Plot and label the points from the table.



- What does the point *C* tell you about Rule 1 and Rule 2?