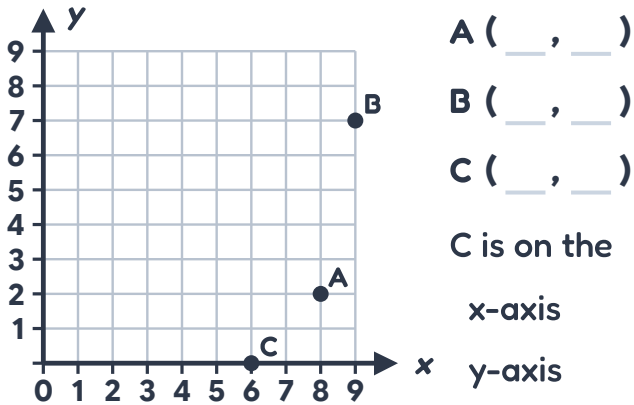


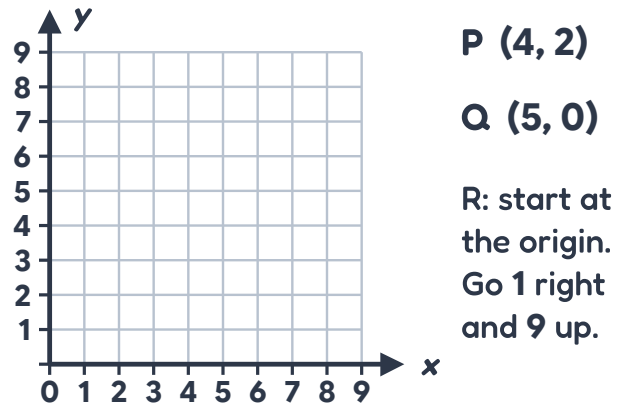
Coordinates and Patterns

Unit Review (page 1 of 2)

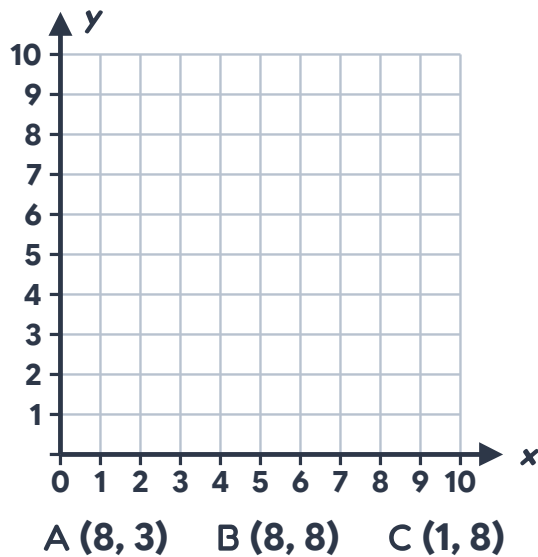
1. Write the ordered pair for each point. Circle the axis C is on.



2. Plot and label each point.

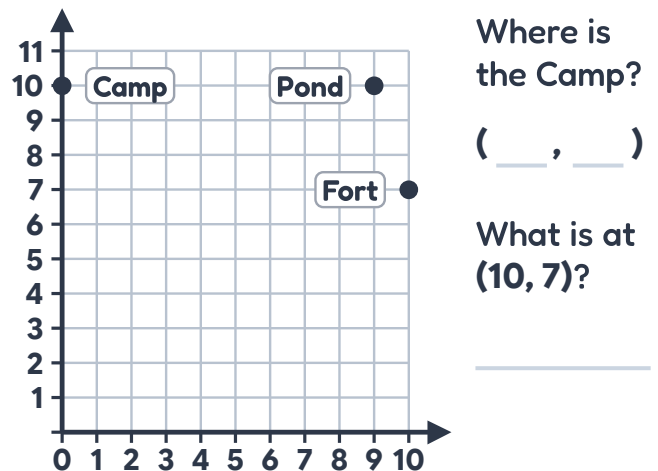


3. Plot and join the points. How long are sides AB and BC?



AB = _____ units, BC = _____ units

4. Use the map. Each unit is 1 block. Circle what the number means.



In the Pond's ordered pair, the 10 means

10 blocks right 10 blocks up

Coordinates and Patterns

Unit Review (page 2 of 2)

5. Both patterns start at 0. Fill in the table. Then compare the terms in each column.

A: Add 6	0				
B: Add 120	0				

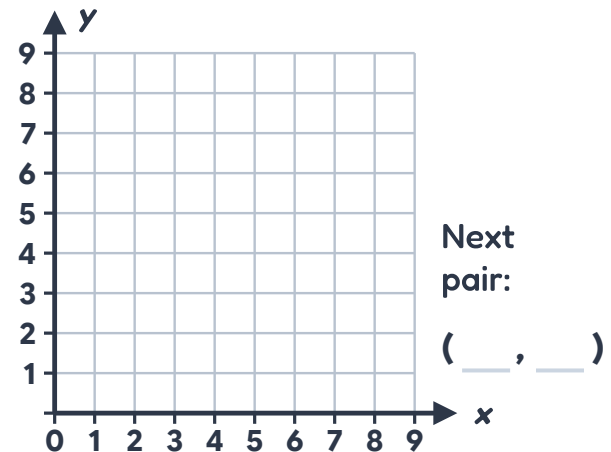
Each B term is _____ times its A term.

6. Fill in the table. Graph the pairs. Write the next pair.

x: start at 7, add 1.

y: start at 3, add 3.

x	7		
y	3		



7. Find the rule. Write it with n. Fill in the table.

In n	25	30	41	50
Out	7	12		32

Out = _____

8. How does each y come from its x? Circle one. Write the rule.

x	1	3	4	6
y	40	120	160	240

Add
Multiply

y = _____

9. Write the next two numbers. Write the rule.

5, 4.25, 3.5, _____, _____

Rule: _____

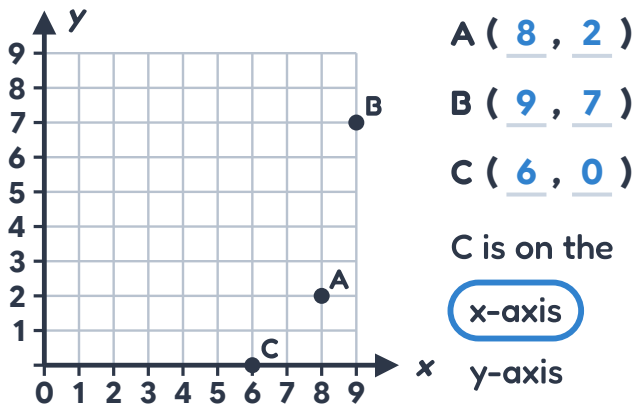
10. A puppy gains the same weight each week. Fill in the table.

Week	1	2	3	4	5
Pounds	$\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{3}{4}$		

Coordinates and Patterns

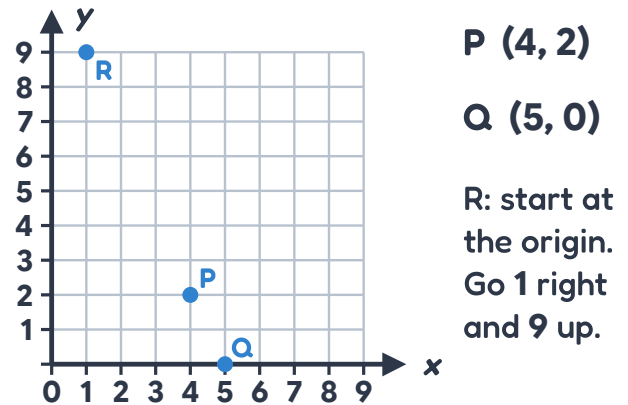
Unit Review (page 1 of 2)

1. Write the ordered pair for each point. Circle the axis C is on.



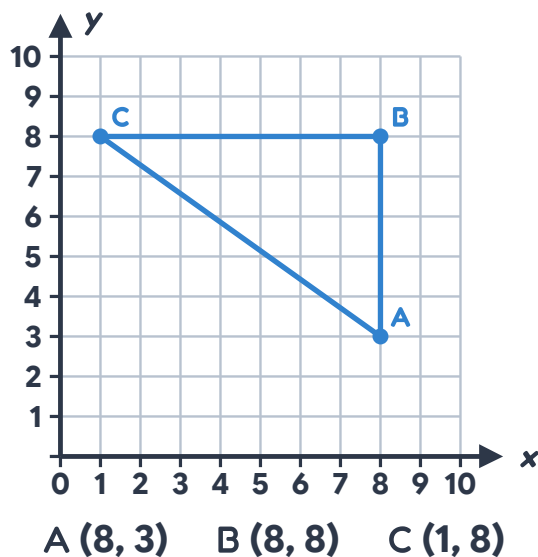
Lesson 14.1 · The coordinate plane

2. Plot and label each point.



Lesson 14.2 · Plot points

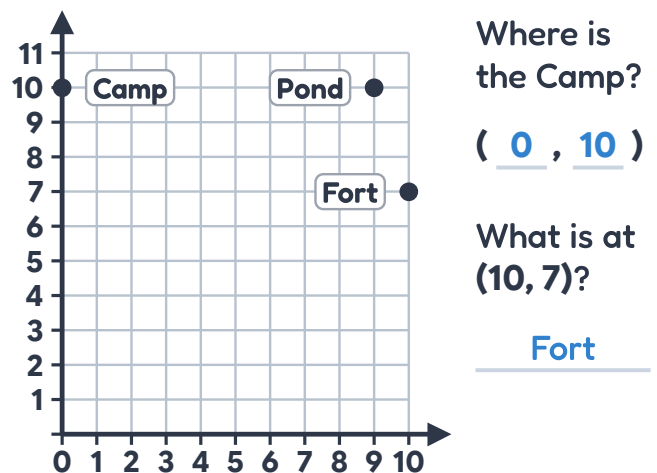
3. Plot and join the points. How long are sides AB and BC?



AB = 5 units, BC = 7 units

Lesson 14.3 · Join points; lengths on the grid

4. Use the map. Each unit is 1 block. Circle what the number means.



In the Pond's ordered pair, the 10 means

10 blocks right 10 blocks up

Lesson 14.4 · Points that tell a story

Coordinates and Patterns

Unit Review (page 2 of 2)

5. Both patterns start at 0. Fill in the table. Then compare the terms in each column.

A: Add 6	0	6	12	18	24
B: Add 120	0	120	240	360	480

Each B term is 20 times its A term.

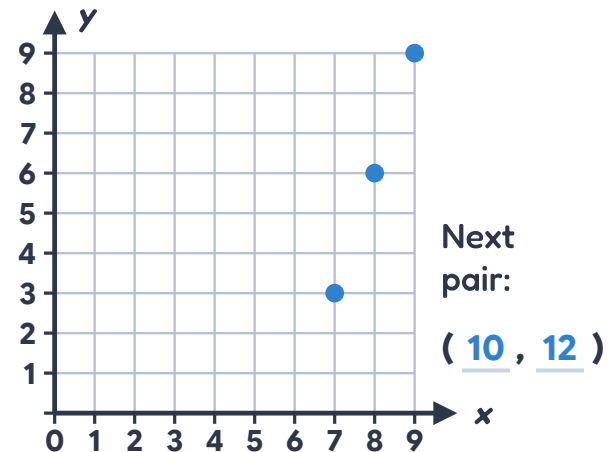
Lesson 14.5 · Two patterns from two rules

6. Fill in the table. Graph the pairs. Write the next pair.

x: start at 7, add 1.

y: start at 3, add 3.

x	7	8	9
y	3	6	9



Lesson 14.6 · Graph the pairs of two patterns

7. Find the rule. Write it with n. Fill in the table.

In n	25	30	41	50
Out	7	12	23	32

Out = $n - 18$

Lesson 14.7 · Input-output tables

8. How does each y come from its x? Circle one. Write the rule.

x	1	3	4	6
y	40	120	160	240

Add

Multiply

y = $40 \times x$ One way

Lesson 14.8 · Add or multiply?

9. Write the next two numbers. Write the rule.

5, 4.25, 3.5, 2.75, 2

Rule: Subtract 0.75 or subtract $3/4$

Lesson 14.9 · Patterns with fractions and decimals

10. A puppy gains the same weight each week. Fill in the table.

Week	1	2	3	4	5
Pounds	$\frac{3}{4}$	$1\frac{1}{4}$	$1\frac{3}{4}$	<u>$2\frac{1}{4}$</u>	<u>$2\frac{3}{4}$</u>

or an equal fraction

Lesson 14.9 · Patterns with fractions and decimals