

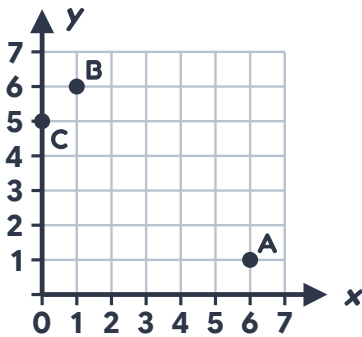
Coordinates and Patterns

Exit Ticket 14.1: The coordinate plane



Name _____ Exit Ticket 14.1

1. Write the ordered pair for each point.



A (__, __)

B (__, __)

C (__, __)

2. Circle the point on the x-axis.

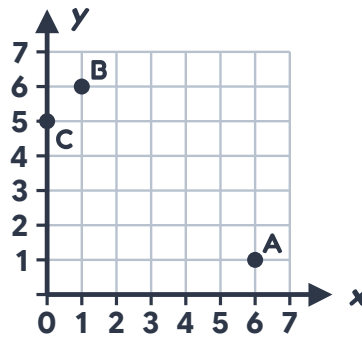
(3, 3) (0, 3) (3, 0)

I can read the ordered pair of a point.



Name _____ Exit Ticket 14.1

1. Write the ordered pair for each point.



A (__, __)

B (__, __)

C (__, __)

2. Circle the point on the x-axis.

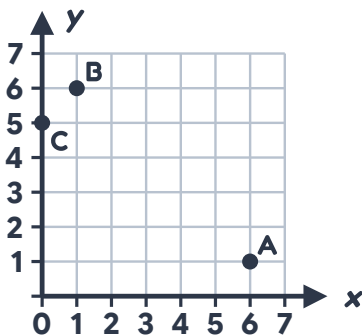
(3, 3) (0, 3) (3, 0)

I can read the ordered pair of a point.



Name _____ Exit Ticket 14.1

1. Write the ordered pair for each point.



A (__, __)

B (__, __)

C (__, __)

2. Circle the point on the x-axis.

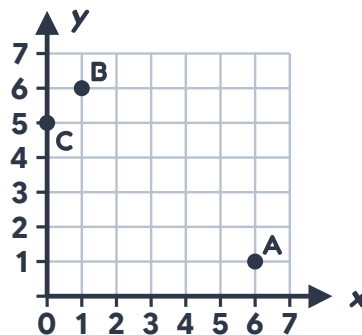
(3, 3) (0, 3) (3, 0)

I can read the ordered pair of a point.



Name _____ Exit Ticket 14.1

1. Write the ordered pair for each point.



A (__, __)

B (__, __)

C (__, __)

2. Circle the point on the x-axis.

(3, 3) (0, 3) (3, 0)

I can read the ordered pair of a point.



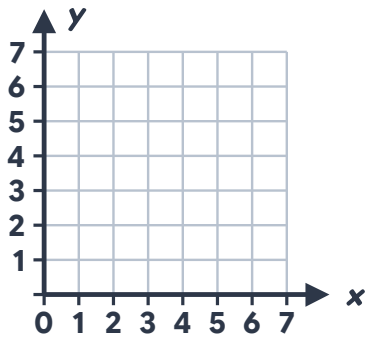
Coordinates and Patterns

Exit Ticket 14.2: Plot points



Name _____ Exit Ticket 14.2

1. Plot and label each point.



P (5, 6)

Q (7, 4)

R (0, 2)

2. Start at the origin.

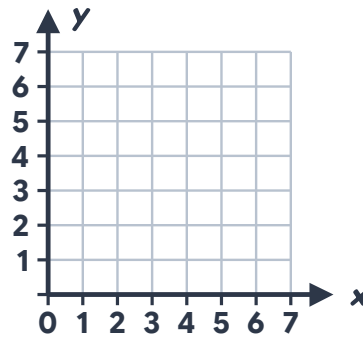
To (9, 4), go _____ right and _____ up.

I can plot a point
from its ordered pair.



Name _____ Exit Ticket 14.2

1. Plot and label each point.



P (5, 6)

Q (7, 4)

R (0, 2)

2. Start at the origin.

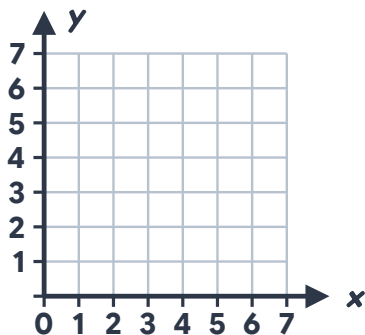
To (9, 4), go _____ right and _____ up.

I can plot a point
from its ordered pair.



Name _____ Exit Ticket 14.2

1. Plot and label each point.



P (5, 6)

Q (7, 4)

R (0, 2)

2. Start at the origin.

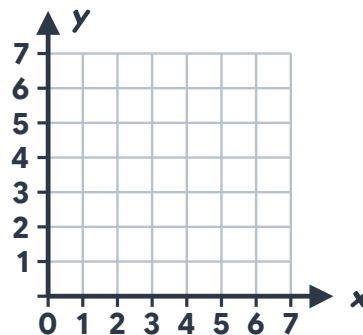
To (9, 4), go _____ right and _____ up.

I can plot a point
from its ordered pair.



Name _____ Exit Ticket 14.2

1. Plot and label each point.



P (5, 6)

Q (7, 4)

R (0, 2)

2. Start at the origin.

To (9, 4), go _____ right and _____ up.

I can plot a point
from its ordered pair.



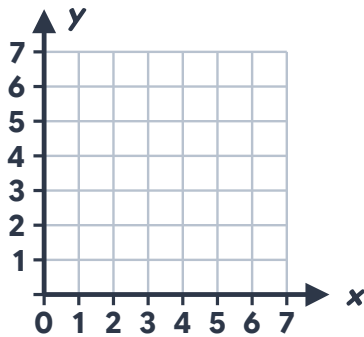
Coordinates and Patterns

Exit Ticket 14.3: Join points; lengths on the grid



Name _____ Exit Ticket 14.3

1. Plot the points in order and join them.



A (1, 7)

B (1, 3)

C (4, 3)

Join C to A.

2. How long are sides AB and BC?

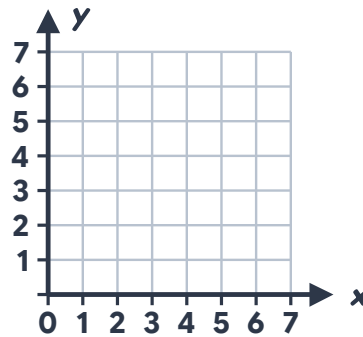
AB = _____ units, BC = _____ units

I can join points and find
a length along a grid line.



Name _____ Exit Ticket 14.3

1. Plot the points in order and join them.



A (1, 7)

B (1, 3)

C (4, 3)

Join C to A.

2. How long are sides AB and BC?

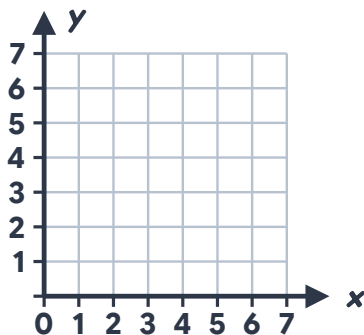
AB = _____ units, BC = _____ units

I can join points and find
a length along a grid line.



Name _____ Exit Ticket 14.3

1. Plot the points in order and join them.



A (1, 7)

B (1, 3)

C (4, 3)

Join C to A.

2. How long are sides AB and BC?

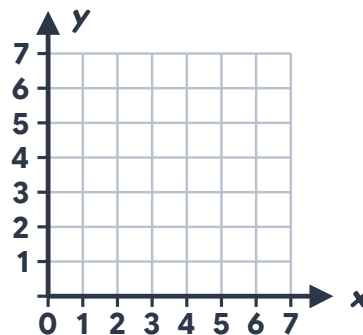
AB = _____ units, BC = _____ units

I can join points and find
a length along a grid line.



Name _____ Exit Ticket 14.3

1. Plot the points in order and join them.



A (1, 7)

B (1, 3)

C (4, 3)

Join C to A.

2. How long are sides AB and BC?

AB = _____ units, BC = _____ units

I can join points and find
a length along a grid line.



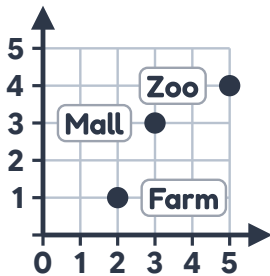
Coordinates and Patterns

Exit Ticket 14.4: Points that tell a story



Name _____ Exit Ticket 14.4

1. Use the map. Each unit is 1 block.



Where is the Farm?

(__ , __)

What is at (3, 3)?

2. What does the 4 in the Zoo's ordered pair mean?

4 blocks right

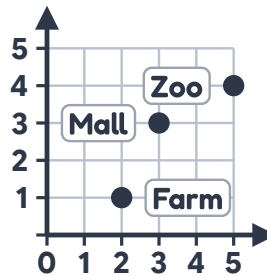
4 blocks up

I can tell what a point on a map means.



Name _____ Exit Ticket 14.4

1. Use the map. Each unit is 1 block.



Where is the Farm?

(__ , __)

What is at (3, 3)?

2. What does the 4 in the Zoo's ordered pair mean?

4 blocks right

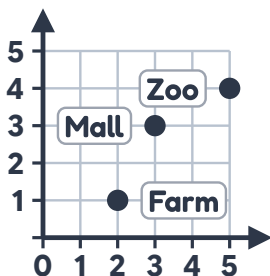
4 blocks up

I can tell what a point on a map means.



Name _____ Exit Ticket 14.4

1. Use the map. Each unit is 1 block.



Where is the Farm?

(__ , __)

What is at (3, 3)?

2. What does the 4 in the Zoo's ordered pair mean?

4 blocks right

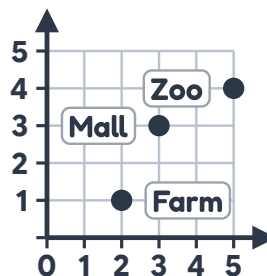
4 blocks up

I can tell what a point on a map means.



Name _____ Exit Ticket 14.4

1. Use the map. Each unit is 1 block.



Where is the Farm?

(__ , __)

What is at (3, 3)?

2. What does the 4 in the Zoo's ordered pair mean?

4 blocks right

4 blocks up

I can tell what a point on a map means.



Coordinates and Patterns

Exit Ticket 14.5: Two patterns from two rules



Name _____ Exit Ticket 14.5

1. Both patterns start at 0. Fill in the table.

A: Add 4	0				
B: Add 44	0				

2. Compare the terms in each column.

Each B term is _____ times its A term.

I can make two patterns
and compare their terms.



Name _____ Exit Ticket 14.5

1. Both patterns start at 0. Fill in the table.

A: Add 4	0				
B: Add 44	0				

2. Compare the terms in each column.

Each B term is _____ times its A term.

I can make two patterns
and compare their terms.



Name _____ Exit Ticket 14.5

1. Both patterns start at 0. Fill in the table.

A: Add 4	0				
B: Add 44	0				

2. Compare the terms in each column.

Each B term is _____ times its A term.

I can make two patterns
and compare their terms.



Name _____ Exit Ticket 14.5

1. Both patterns start at 0. Fill in the table.

A: Add 4	0				
B: Add 44	0				

2. Compare the terms in each column.

Each B term is _____ times its A term.

I can make two patterns
and compare their terms.



Coordinates and Patterns

Exit Ticket 14.6: Graph the pairs of two patterns



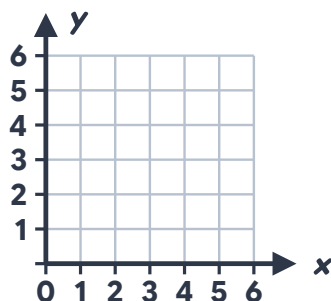
Name _____ Exit Ticket 14.6

1. Fill in the table. Graph the pairs.

x starts at 2
and adds 2.

y starts at 0
and adds 3.

x	2		
y	0		



2. Write the next ordered pair.

(__, __)

I can graph the pairs
of two patterns.



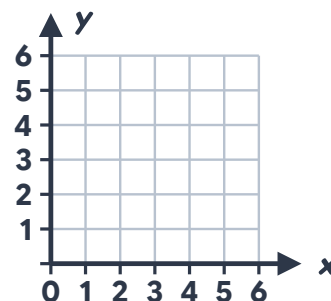
Name _____ Exit Ticket 14.6

1. Fill in the table. Graph the pairs.

x starts at 2
and adds 2.

y starts at 0
and adds 3.

x	2		
y	0		



2. Write the next ordered pair.

(__, __)

I can graph the pairs
of two patterns.



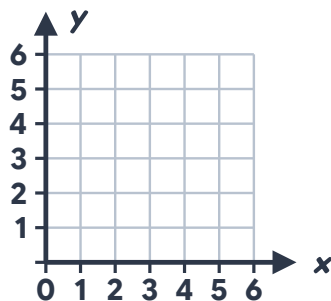
Name _____ Exit Ticket 14.6

1. Fill in the table. Graph the pairs.

x starts at 2
and adds 2.

y starts at 0
and adds 3.

x	2		
y	0		



2. Write the next ordered pair.

(__, __)

I can graph the pairs
of two patterns.



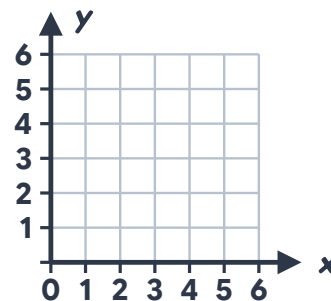
Name _____ Exit Ticket 14.6

1. Fill in the table. Graph the pairs.

x starts at 2
and adds 2.

y starts at 0
and adds 3.

x	2		
y	0		



2. Write the next ordered pair.

(__, __)

I can graph the pairs
of two patterns.



Coordinates and Patterns

Exit Ticket 14.7: Input-output tables



Name _____ Exit Ticket 14.7

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

In n	3	5	7	10
Out	27	45	63	

Out = _____

2. Find the rule. Write it with n .

In n	20	23	31	40
Out	6	9	17	26

Out = _____

I can write the rule of a table as an expression.



Name _____ Exit Ticket 14.7

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

In n	3	5	7	10
Out	27	45	63	

Out = _____

2. Find the rule. Write it with n .

In n	20	23	31	40
Out	6	9	17	26

Out = _____

I can write the rule of a table as an expression.



Name _____ Exit Ticket 14.7

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

In n	3	5	7	10
Out	27	45	63	

Out = _____

2. Find the rule. Write it with n .

In n	20	23	31	40
Out	6	9	17	26

Out = _____

I can write the rule of a table as an expression.



Name _____ Exit Ticket 14.7

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

In n	3	5	7	10
Out	27	45	63	

Out = _____

2. Find the rule. Write it with n .

In n	20	23	31	40
Out	6	9	17	26

Out = _____

I can write the rule of a table as an expression.



Coordinates and Patterns

Exit Ticket 14.8: Add or multiply?

Name _____ Exit Ticket 14.8

1. How do you get each y from its x ?
Circle add or multiply. Write the rule.

x	2	3	5	6
y	24	36	60	72

Add
Multiply

$y =$ _____

2. Do the same for this table.

x	2	5	7	10
y	17	20	22	25

Add
Multiply

$y =$ _____

I can tell an adding pattern
from a multiplying one.



Name _____ Exit Ticket 14.8

1. How do you get each y from its x ?
Circle add or multiply. Write the rule.

x	2	3	5	6
y	24	36	60	72

Add
Multiply

$y =$ _____

2. Do the same for this table.

x	2	5	7	10
y	17	20	22	25

Add
Multiply

$y =$ _____

I can tell an adding pattern
from a multiplying one.



Name _____ Exit Ticket 14.8

1. How do you get each y from its x ?
Circle add or multiply. Write the rule.

x	2	3	5	6
y	24	36	60	72

Add
Multiply

$y =$ _____

2. Do the same for this table.

x	2	5	7	10
y	17	20	22	25

Add
Multiply

$y =$ _____

I can tell an adding pattern
from a multiplying one.



Name _____ Exit Ticket 14.8

1. How do you get each y from its x ?
Circle add or multiply. Write the rule.

x	2	3	5	6
y	24	36	60	72

Add
Multiply

$y =$ _____

2. Do the same for this table.

x	2	5	7	10
y	17	20	22	25

Add
Multiply

$y =$ _____

I can tell an adding pattern
from a multiplying one.



Coordinates and Patterns

Exit Ticket 14.9: Patterns with fractions and decimals



Name _____ Exit Ticket 14.9

1. Write the next two numbers. Write the rule.

4.5, 4.25, 4, 3.75, _____, _____

Rule: _____

2. A plant grows the same amount each week. Fill in the table.

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

I can extend patterns with fractions and decimals.



Name _____ Exit Ticket 14.9

1. Write the next two numbers. Write the rule.

4.5, 4.25, 4, 3.75, _____, _____

Rule: _____

2. A plant grows the same amount each week. Fill in the table.

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

I can extend patterns with fractions and decimals.



Name _____ Exit Ticket 14.9

1. Write the next two numbers. Write the rule.

4.5, 4.25, 4, 3.75, _____, _____

Rule: _____

2. A plant grows the same amount each week. Fill in the table.

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

I can extend patterns with fractions and decimals.



Name _____ Exit Ticket 14.9

1. Write the next two numbers. Write the rule.

4.5, 4.25, 4, 3.75, _____, _____

Rule: _____

2. A plant grows the same amount each week. Fill in the table.

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

I can extend patterns with fractions and decimals.

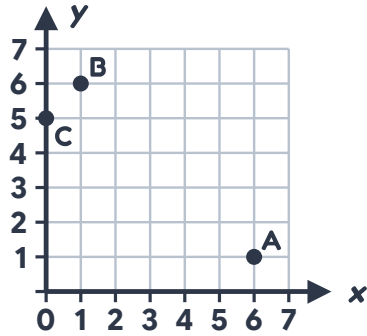


Coordinates and Patterns

Exit Ticket 14.1: The coordinate plane

Name _____ Exit Ticket 14.1

1. Write the ordered pair for each point.

A (6 , 1)B (1 , 6)C (0 , 5)

2. Circle the point on the x-axis.

(3, 3)

(0, 3)

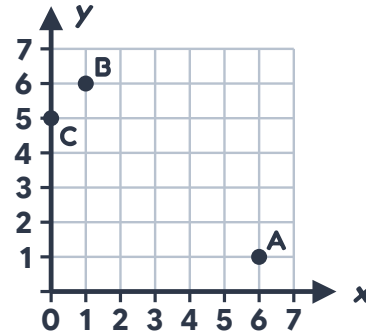
(3, 0)

I can read the ordered pair of a point.



Name _____ Exit Ticket 14.1

1. Write the ordered pair for each point.

A (6 , 1)B (1 , 6)C (0 , 5)

2. Circle the point on the x-axis.

(3, 3)

(0, 3)

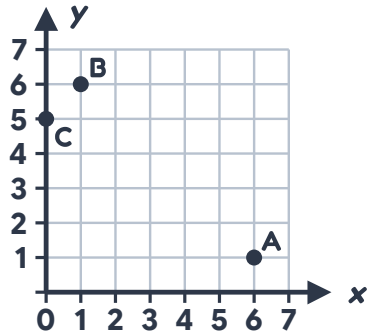
(3, 0)

I can read the ordered pair of a point.



Name _____ Exit Ticket 14.1

1. Write the ordered pair for each point.

A (6 , 1)B (1 , 6)C (0 , 5)

2. Circle the point on the x-axis.

(3, 3)

(0, 3)

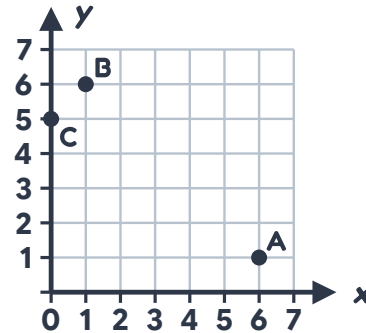
(3, 0)

I can read the ordered pair of a point.



Name _____ Exit Ticket 14.1

1. Write the ordered pair for each point.

A (6 , 1)B (1 , 6)C (0 , 5)

2. Circle the point on the x-axis.

(3, 3)

(0, 3)

(3, 0)

I can read the ordered pair of a point.

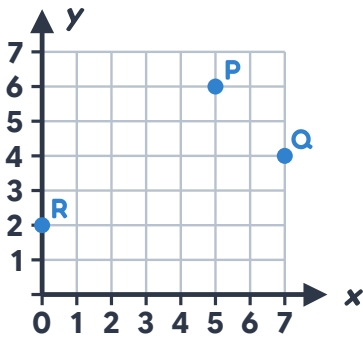


Coordinates and Patterns

Exit Ticket 14.2: Plot points

Name _____ Exit Ticket 14.2

1. Plot and label each point.



P (5, 6)

Q (7, 4)

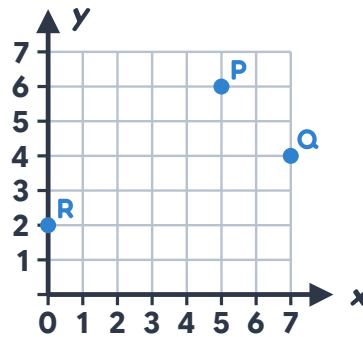
R (0, 2)

2. Start at the origin.

To (9, 4), go 9 right and 4 up.I can plot a point
from its ordered pair.

Name _____ Exit Ticket 14.2

1. Plot and label each point.



P (5, 6)

Q (7, 4)

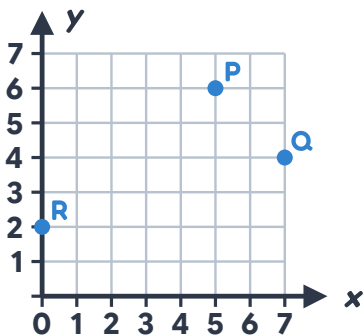
R (0, 2)

2. Start at the origin.

To (9, 4), go 9 right and 4 up.I can plot a point
from its ordered pair.

Name _____ Exit Ticket 14.2

1. Plot and label each point.



P (5, 6)

Q (7, 4)

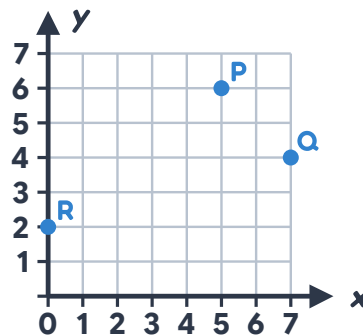
R (0, 2)

2. Start at the origin.

To (9, 4), go 9 right and 4 up.I can plot a point
from its ordered pair.

Name _____ Exit Ticket 14.2

1. Plot and label each point.



P (5, 6)

Q (7, 4)

R (0, 2)

2. Start at the origin.

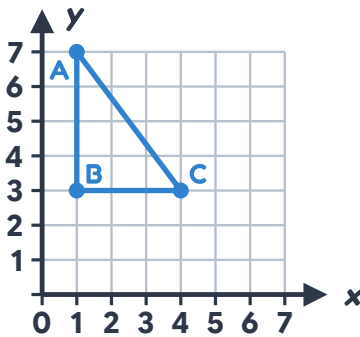
To (9, 4), go 9 right and 4 up.I can plot a point
from its ordered pair.

Coordinates and Patterns

Exit Ticket 14.3: Join points; lengths on the grid

Name _____ Exit Ticket 14.3

1. Plot the points in order and join them.



A (1, 7)

B (1, 3)

C (4, 3)

Join C to A.

2. How long are sides AB and BC?

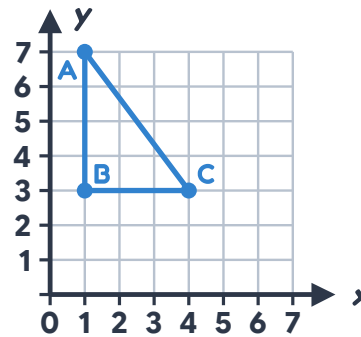
AB = 4 units, BC = 3 units

I can join points and find
a length along a grid line.



Name _____ Exit Ticket 14.3

1. Plot the points in order and join them.



A (1, 7)

B (1, 3)

C (4, 3)

Join C to A.

2. How long are sides AB and BC?

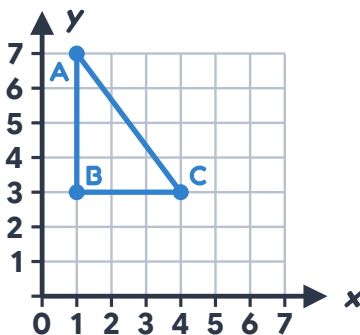
AB = 4 units, BC = 3 units

I can join points and find
a length along a grid line.



Name _____ Exit Ticket 14.3

1. Plot the points in order and join them.



A (1, 7)

B (1, 3)

C (4, 3)

Join C to A.

2. How long are sides AB and BC?

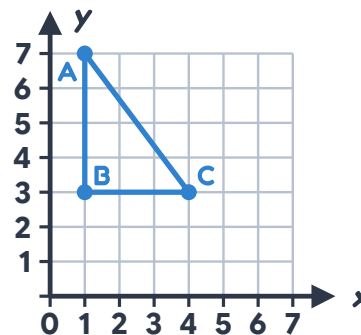
AB = 4 units, BC = 3 units

I can join points and find
a length along a grid line.



Name _____ Exit Ticket 14.3

1. Plot the points in order and join them.



A (1, 7)

B (1, 3)

C (4, 3)

Join C to A.

2. How long are sides AB and BC?

AB = 4 units, BC = 3 units

I can join points and find
a length along a grid line.

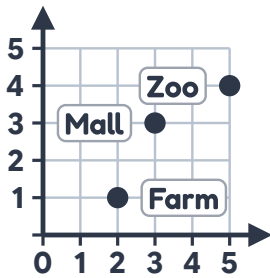


Coordinates and Patterns

Exit Ticket 14.4: Points that tell a story

Name _____ Exit Ticket 14.4

1. Use the map. Each unit is 1 block.



Where is the Farm?

(2 , 1)

What is at (3, 3)?

Mall

2. What does the 4 in the Zoo's ordered pair mean?

4 blocks right

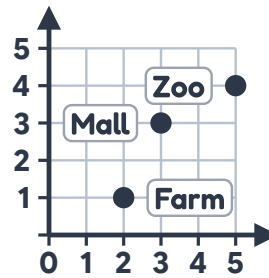
4 blocks up

I can tell what a point on a map means.



Name _____ Exit Ticket 14.4

1. Use the map. Each unit is 1 block.



Where is the Farm?

(2 , 1)

What is at (3, 3)?

Mall

2. What does the 4 in the Zoo's ordered pair mean?

4 blocks right

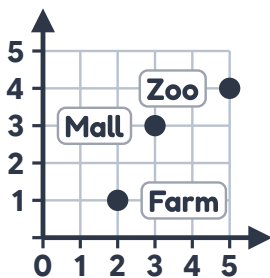
4 blocks up

I can tell what a point on a map means.



Name _____ Exit Ticket 14.4

1. Use the map. Each unit is 1 block.



Where is the Farm?

(2 , 1)

What is at (3, 3)?

Mall

2. What does the 4 in the Zoo's ordered pair mean?

4 blocks right

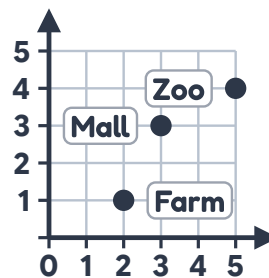
4 blocks up

I can tell what a point on a map means.



Name _____ Exit Ticket 14.4

1. Use the map. Each unit is 1 block.



Where is the Farm?

(2 , 1)

What is at (3, 3)?

Mall

2. What does the 4 in the Zoo's ordered pair mean?

4 blocks right

4 blocks up

I can tell what a point on a map means.



Coordinates and Patterns

Exit Ticket 14.5: Two patterns from two rules



Name _____ Exit Ticket 14.5

1. Both patterns start at 0. Fill in the table.

A: Add 4	0	4	8	12	16
B: Add 44	0	44	88	132	176

2. Compare the terms in each column.

Each B term is 11 times its A term.

I can make two patterns
and compare their terms.



Name _____ Exit Ticket 14.5

1. Both patterns start at 0. Fill in the table.

A: Add 4	0	4	8	12	16
B: Add 44	0	44	88	132	176

2. Compare the terms in each column.

Each B term is 11 times its A term.

I can make two patterns
and compare their terms.



Name _____ Exit Ticket 14.5

1. Both patterns start at 0. Fill in the table.

A: Add 4	0	4	8	12	16
B: Add 44	0	44	88	132	176

2. Compare the terms in each column.

Each B term is 11 times its A term.

I can make two patterns
and compare their terms.



Name _____ Exit Ticket 14.5

1. Both patterns start at 0. Fill in the table.

A: Add 4	0	4	8	12	16
B: Add 44	0	44	88	132	176

2. Compare the terms in each column.

Each B term is 11 times its A term.

I can make two patterns
and compare their terms.



Coordinates and Patterns

Exit Ticket 14.6: Graph the pairs of two patterns

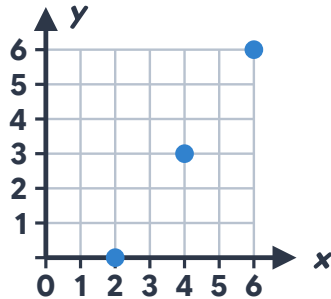
Name _____ Exit Ticket 14.6

1. Fill in the table. Graph the pairs.

x starts at 2
and adds 2.

y starts at 0
and adds 3.

x	2	4	6
y	0	3	6



2. Write the next ordered pair.

(8 , 9)

I can graph the pairs
of two patterns.



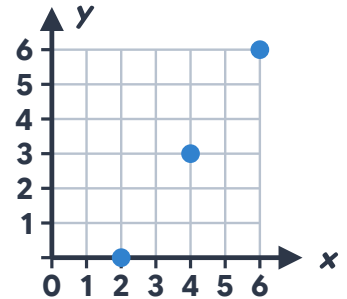
Name _____ Exit Ticket 14.6

1. Fill in the table. Graph the pairs.

x starts at 2
and adds 2.

y starts at 0
and adds 3.

x	2	4	6
y	0	3	6



2. Write the next ordered pair.

(8 , 9)

I can graph the pairs
of two patterns.



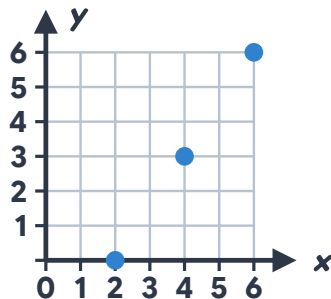
Name _____ Exit Ticket 14.6

1. Fill in the table. Graph the pairs.

x starts at 2
and adds 2.

y starts at 0
and adds 3.

x	2	4	6
y	0	3	6



2. Write the next ordered pair.

(8 , 9)

I can graph the pairs
of two patterns.



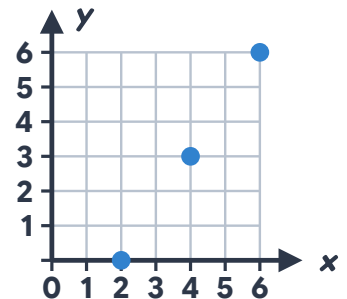
Name _____ Exit Ticket 14.6

1. Fill in the table. Graph the pairs.

x starts at 2
and adds 2.

y starts at 0
and adds 3.

x	2	4	6
y	0	3	6



2. Write the next ordered pair.

(8 , 9)

I can graph the pairs
of two patterns.



Coordinates and Patterns

Exit Ticket 14.7: Input-output tables



Name _____ Exit Ticket 14.7

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

In n	3	5	7	10
Out	27	45	63	90

Out = $n \times 9$ One way

2. Find the rule. Write it with n .

In n	20	23	31	40
Out	6	9	17	26

Out = $n - 14$

I can write the rule of a table as an expression.



Name _____ Exit Ticket 14.7

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

In n	3	5	7	10
Out	27	45	63	90

Out = $n \times 9$ One way

2. Find the rule. Write it with n .

In n	20	23	31	40
Out	6	9	17	26

Out = $n - 14$

I can write the rule of a table as an expression.



Name _____ Exit Ticket 14.7

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

In n	3	5	7	10
Out	27	45	63	90

Out = $n \times 9$ One way

2. Find the rule. Write it with n .

In n	20	23	31	40
Out	6	9	17	26

Out = $n - 14$

I can write the rule of a table as an expression.



Name _____ Exit Ticket 14.7

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

In n	3	5	7	10
Out	27	45	63	90

Out = $n \times 9$ One way

2. Find the rule. Write it with n .

In n	20	23	31	40
Out	6	9	17	26

Out = $n - 14$

I can write the rule of a table as an expression.



Coordinates and Patterns

Exit Ticket 14.8: Add or multiply?

Name _____ Exit Ticket 14.8

1. How do you get each y from its x?
Circle add or multiply. Write the rule.

x	2	3	5	6
y	24	36	60	72

Add

Multiply

$$y = 12 \times x \quad \text{One way}$$

2. Do the same for this table.

x	2	5	7	10
y	17	20	22	25

Add

Multiply

$$y = x + 15 \quad \text{One way}$$

I can tell an adding pattern
from a multiplying one.



Name _____ Exit Ticket 14.8

1. How do you get each y from its x?
Circle add or multiply. Write the rule.

x	2	3	5	6
y	24	36	60	72

Add

Multiply

$$y = 12 \times x \quad \text{One way}$$

2. Do the same for this table.

x	2	5	7	10
y	17	20	22	25

Add

Multiply

$$y = x + 15 \quad \text{One way}$$

I can tell an adding pattern
from a multiplying one.



Name _____ Exit Ticket 14.8

1. How do you get each y from its x?
Circle add or multiply. Write the rule.

x	2	3	5	6
y	24	36	60	72

Add

Multiply

$$y = 12 \times x \quad \text{One way}$$

2. Do the same for this table.

x	2	5	7	10
y	17	20	22	25

Add

Multiply

$$y = x + 15 \quad \text{One way}$$

I can tell an adding pattern
from a multiplying one.



Name _____ Exit Ticket 14.8

1. How do you get each y from its x?
Circle add or multiply. Write the rule.

x	2	3	5	6
y	24	36	60	72

Add

Multiply

$$y = 12 \times x \quad \text{One way}$$

2. Do the same for this table.

x	2	5	7	10
y	17	20	22	25

Add

Multiply

$$y = x + 15 \quad \text{One way}$$

I can tell an adding pattern
from a multiplying one.



Coordinates and Patterns

Exit Ticket 14.9: Patterns with fractions and decimals



Name _____ Exit Ticket 14.9

1. Write the next two numbers. Write the rule.

4.5, 4.25, 4, 3.75, 3.5, 3.25

Rule: Subtract 0.25 or subtract $\frac{1}{4}$

2. A plant grows the same amount each week. Fill in the table.

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

or an equal fraction

I can extend patterns with fractions and decimals.



Name _____ Exit Ticket 14.9

1. Write the next two numbers. Write the rule.

4.5, 4.25, 4, 3.75, 3.5, 3.25

Rule: Subtract 0.25 or subtract $\frac{1}{4}$

2. A plant grows the same amount each week. Fill in the table.

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

or an equal fraction

I can extend patterns with fractions and decimals.



Name _____ Exit Ticket 14.9

1. Write the next two numbers. Write the rule.

4.5, 4.25, 4, 3.75, 3.5, 3.25

Rule: Subtract 0.25 or subtract $\frac{1}{4}$

2. A plant grows the same amount each week. Fill in the table.

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

or an equal fraction

I can extend patterns with fractions and decimals.



Name _____ Exit Ticket 14.9

1. Write the next two numbers. Write the rule.

4.5, 4.25, 4, 3.75, 3.5, 3.25

Rule: Subtract 0.25 or subtract $\frac{1}{4}$

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

or an equal fraction

I can extend patterns with fractions and decimals.

