

Name:

5.0A.1

Directions: Solve each problem.

$$32 \div (5 + 3) =$$

$$[43 - (7 + 24)] \times 2 =$$

$$\{7 + [(22 - 4) \div 3]\} \times 5 =$$

Insert parentheses to make the statement equal 9.

$$29 + 16 \div 5 =$$

Insert parentheses to make the statement equal 44.

$$6 + 5 \times 12 - 8 =$$

Name: _____

Order of Operations

CCSS: 5.OA.A.1

I can use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.

Directions: Use order of operations rules to solve the following problems.

Please - Parentheses

Excuse - Exponents

My - Multiplication

Dear - Division

} From Left
to Right

Aunt - Addition

Sally - Subtraction

} From Left
to Right

$$18 \div 3 + 4 \times 6$$

$$6^2 - 2 \times (5+6)$$

$$7 \times (9 - 6)$$

Name: _____

Order of Operations

CCSS: 5.OA.A.1

I can use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.

Directions: Use order of operations rules to solve the following problems.

$$16 \div 2 + 11$$

$$20 + 8 \div 2$$

$$(5 + 7) \times 3$$

$$3 \times (30 - 22)$$

Name: _____

Order of Operations

CCSS: 5.OA.A.1

I can use parentheses, brackets, or braces in numerical expressions, and evaluate expressions with these symbols.

Directions: Use order of operations rules to solve the following problems.

$$12 + [(14 - 6) \div 4]$$

$$35 - \{4 \times [(16 - 8) \div 2]\}$$

$$40 - 5^2 \div (12 - 7)$$

$$3^2 \times 6 - 21 \div 3$$

Name:

5.OA.2

Directions: Solve each problem.

Write as a numerical expression.

6 times the sum of 2 and 3

Write as a numerical expression.

**4 times the quotient of 27 and
9**

Write as a numerical expression.

**the product of the
quantities 8 minus 2 and 4
plus 5**

Write the numerical
expression in words.

$24 \div (21 - 17)$

Write the numerical expression in words.

$[3 \times (5 + 3)] - 18$

Name: _____

Order of Operations

CCSS: 5.OA.A.2

I can write and interpret numerical expressions.

Directions: Write the following as a numerical expression and solve.

3 times the sum of 2 and 5

4 times the difference between 12 and 6

Name:

5.OA.3

Directions: Solve each problem.

Identify the operation performed on X to get Y.

RULE: _____

X	1	2	3	4
Y	2	4	6	8

Identify the operation performed on X to get Y.

RULE: _____

X	12	11	10	9
Y	9	8	7	6

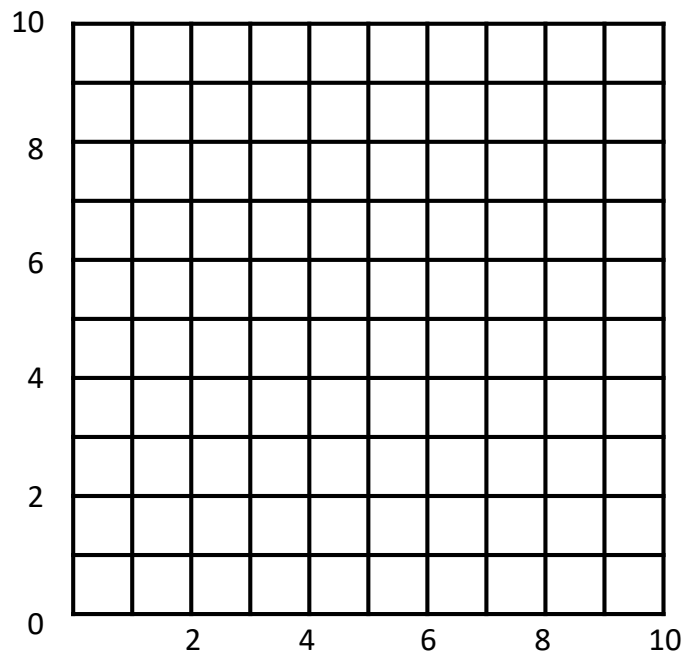
Generate ordered pairs in the form (x,y) and plot them on graph paper.

X	2	4	6	8
Y	0	3	6	9

(,) (,) (,) (,)

X	10	9	8	7
Y	8	6	4	2

(,) (,) (,) (,)



Name: _____

Numerical Patterns, Ordered Pairs, & Graphing

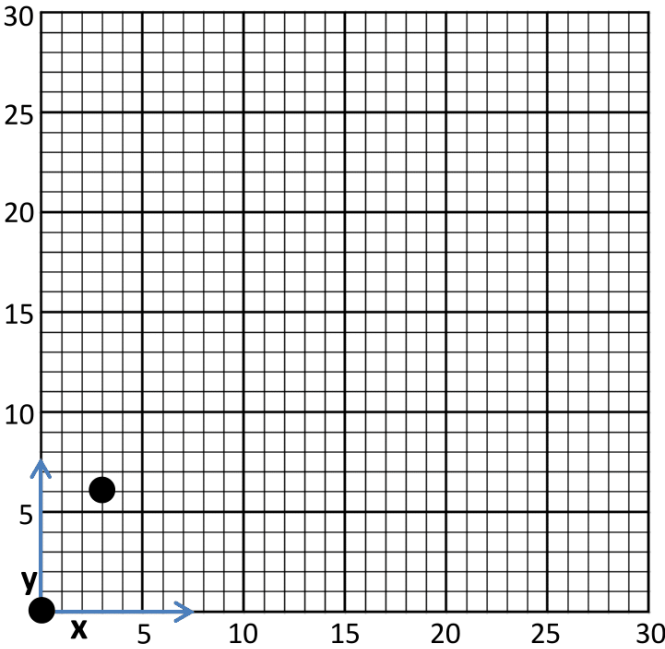
CCSS: 5.OA.B.3

I can generate numerical patterns, form ordered pairs, and graph ordered pairs on a coordinate plane.

Add 3 to each term in the sequence to get the next term.	Add 6 to each term in the sequence to get the next term.	Generate ordered pairs using corresponding values from the sequences.
0	0	(0 , 0)
3	6	(3 , 6)
		(,)
		(,)
		(,)
		(,)

Plot the ordered pairs on the graph at right.

Identify the relationship between the two series.



Name:

OA Test

Operations & Algebraic Thinking Test

5.0A.1

$$45 \div (17 - 8) =$$

5.0A.1

$$[51 - (18 + 14)] \times 3 =$$

5.0A.1

$$\{6 + [(23 - 9) \div 7]\} \times 11 =$$

5.0A.1

Insert parentheses to make the statement equal 4.

$$35 - 27 \div 2 =$$

5.0A.2

Write as a numerical expression.

7 times the sum of 4 and 6

5.0A.2

Write as a numerical expression.

the product of the quantities 7 minus 1 and 3 plus 8

Name:

OA Test

Operations & Algebraic Thinking Test

5.OA.2

Write the numerical expression in words.

$$36 \div (22 - 16)$$

5.OA.2

Write the numerical expression in words.

$$[5 \times (7 + 4)] - 19$$

5.OA.3

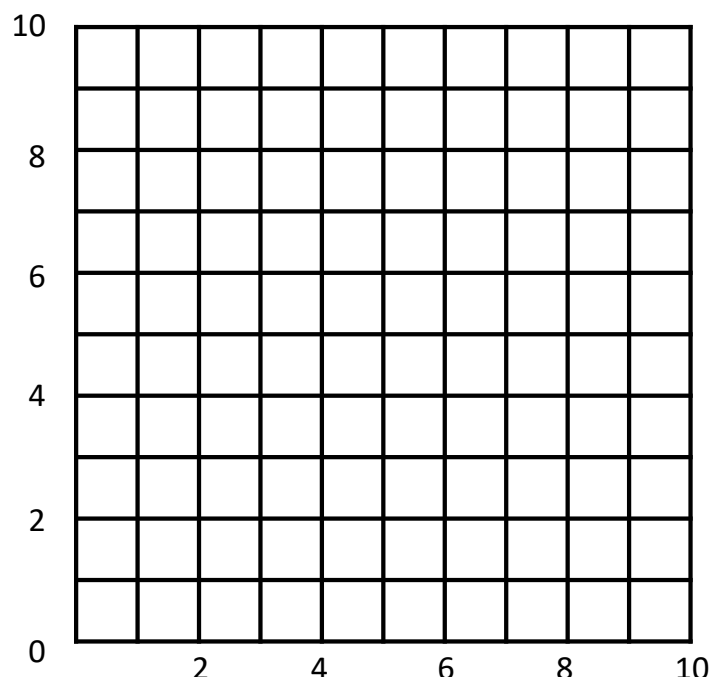
Fill in the table according to the following rules.

X: Add 3 to get the next term

Y: Add 2 to get the next term

Generate ordered pairs in the form (x,y) and plot them on graph paper.

X	Y
0	0



(,) (,) (,) (,)