

5th Grade Functions and Graphing Unit Bundle

Name: _____ Date: _____

Second Inputs and Outputs in a Table

Use the rules to complete the tables below.

1. Rule: $b = 3 + a$

Input	Output
0	3
1	
2	
3	
4	

2. Rule: $j = 2z + 4$

Input	Output
0	4
1	
2	
3	
4	

Using the given rules, create an input and output table.

1. Rule: $b = a + 3$

2. Rule: r

Name: _____ Date: _____

Identify and Label Ordered Pairs

Observing Graph A, identify the labeled ordered pairs listed below.

1. A: _____

2. B: _____

3. C: _____

4. D: _____

5. E: _____



ANSWER KEY

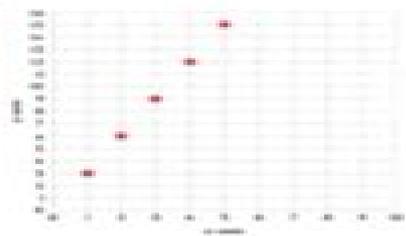
Graphing and Analyzing Data

Using the table provided below, determine the rule based on the input and output. List all the possible ordered pairs. Then graph and label on the graph provided using those ordered pairs.

1. For every dollar Lolo gives to her parents, she gets 3 times the amount back.

Dollars	1	2	3	4	5
Amount Back	3	6	9	12	15

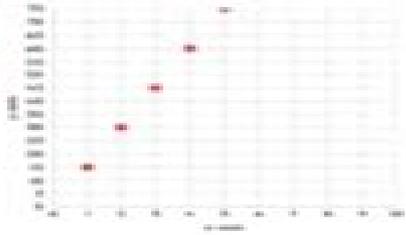
Rule: $d = 3a$
 Ordered Pairs: (1,3) (2,6) (3,9)
 (4,12) (5,15)



2. Every inch Ethan draws equals 15 yards.

Inches	1	2	3	4	5
Yards	15	30	45	60	75

Rule: $y = 15x$
 Ordered Pairs: (1,15) (2,30)
 (3,45) (4,60) (5,75)



ANSWER KEY

Graphing Data

Use the data from the table below to complete the questions.

Number of Apples	1	2	3	4	5
Cost of Each Apple	4	8	12	16	20

1. Using the table above, create a list of all possible ordered pairs. (1,4) (2,8) (3,12) (4,16) (5,20)

2. Using the ordered pairs you created and the table above, complete the graph.



3. What does the ordered pair (4,16) tell you about the function? Check student responses.

Unit 17 Graphing Data

Puja Mehta

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