

Lesson 1.5: Patterns and Relationships in Tables

1. Copy and complete each table.
Show your work for one input to output.

a)

Input n	Output $14 - n$
1	
2	
3	
4	
5	

b)

Input n	Output $3n$
1	
2	
3	
4	
5	

2. Use algebra.
Write a relation for each Input/Output table.

a)

Input n	Output
1	9
2	18
3	27
4	36
5	45

b)

Input n	Output
1	11
2	16
3	21
4	26
5	31

Step #1

Step #1

Step#2

Step#2

Step #3

Step #3

c)

Input <i>n</i>	Output
1	4
2	9
3	14
4	19
5	24

Step #1

Step#2

Step #3

d)

Input <i>n</i>	Output
7	1
21	3
35	5
49	7
63	9

Step #1

Step#2

Step #3