

Name: _____

Input and Output Tables

Complete the tables.

a.

Input	Output
23	47
34	
45	
	70

rule: add 24

b.

Input	Output
56	
	30
27	
22	

rule: subtract 18



c.

Input	7	13		31
Output	57		74	81

rule: _____

d.

Input		65		87
Output	7	34	45	56

rule: _____

Complete the table and answer the questions.

e.

Input	Output
19	73
22	76
39	
	108
	120
	135

What is the rule for this table? _____

Explain how you found the rule.

Now try this:

On a separate sheet of paper, make your own in-out table. Have a friend find the rule and fill in the missing boxes.

ANSWER KEY

Input and Output Tables

Complete the tables.

a.

Input	Output
23	47
34	58
45	69
46	70

rule: add 24

b.

Input	Output
56	38
48	30
27	9
22	4

rule: subtract 18



c.

Input	7	13	24	31
Output	57	63	74	81

rule: **add 50**

d.

Input	38	65	76	87
Output	7	34	45	56

rule: **subtract 31**

Complete the table and answer the questions.

e.

Input	Output
19	73
22	76
39	
	108
	120
	135

What is the rule for this table? **add 54**

Explain how you found the rule.

First, observe whether the number goes up or down in the output column. Since it goes up, you know you're adding. Then subtract to find the difference between 73 and 19.

Now try this:

On a separate sheet of paper, make your own in-out table. Have a friend find the rule and fill in the missing boxes.