

Name \_\_\_\_\_

Score: \_\_\_\_\_

# Input and Output Tables



Complete the tables.

a.

Input	Output
27	58
45	
71	
	14

rule: add 31

b.

Input	Output
71	
	49
25	
89	

rule: subtract 11

c.

Input	47	81		15
Output	76		33	44

rule: \_\_\_\_\_

d.

Input		66		96
Output	58	42	75	72

rule: \_\_\_\_\_

Complete the table and answer the questions.

e.

Input	Output
49	100
13	64
31	
	99
	125
	113

What is the rule for this table? \_\_\_\_\_

Explain how you found the rule.

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Name \_\_\_\_\_

Score: \_\_\_\_\_

# Input and Output Tables **ANSWER KEY**



Complete the tables.

a.

Input	Output
27	58
45	76
71	102
42	73

rule: add 31

b.

Input	Output
71	60
60	49
25	14
44	33

rule: subtract 11

c.

Input	47	81	22	15
Output	76	110	51	44

rule: add 29

d.

Input	82	66	99	96
Output	58	42	75	72

rule: subtract 24

Complete the table and answer the questions.

e.

Input	Output
49	100
13	64
31	82
48	99
74	125
62	113

What is the rule for this table? **add 51**

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 100 and 49.**