

Name _____

Score: _____

In and Out Boxes

Fill in the empty boxes.

a.

In	Out
25	
98	
69	
	31

rule: add 1

b.

In	Out
44	30
74	
	84
	24

rule: _____

c.

In	Out
28	36
32	
88	
	78

rule: _____

d.

In	51	66	91	22
Out				

rule: subtract 11

e.

In	150	75		
Out	100		80	95

rule: _____

- f. Tom and Dick were born on the exact same day, but not in the same year. Their ages are shown in the table.

Age in Years

Tom Age	2	6	12	15	?	23
Dick Age	6	10	16	?	21	28

When Tom was 15, how old was Dick? _____

When Dick was 21, how old was Tom? _____

When Dick was 32, how old was Tom? _____

Which choice best explains the rule for this table? (Circle one)

- Add four to Dick age to find Tom age.
- Add four to Dick age to find Tom age.
- Subtract four from Dick ' age to find Tom age.
- Subtract four from the sum of Tom and Dick age to find Dick age.

Name _____

Score: _____

In and Out Boxes **ANSWER KEY**

Fill in the empty boxes.

a.

In	Out
25	26
98	99
69	70
30	31

rule: **add 1**

b.

In	Out
44	30
74	60
98	84
38	24

rule: **subtract 14**

c.

In	Out
28	36
32	40
88	96
70	78

rule: **add 8**

d.

In	51	66	91	22
Out	40	55	80	11

rule: **subtract 11**

e.

In	150	75	130	145
Out	100	25	80	95

rule: **subtract 50**

- f. Tom and Dick were born on the exact same day, but not in the same year. Their ages are shown in the table.

Age in Years

Tom Age	2	6	12	15	17	23
Dick Age	6	10	16	19	21	28

When Tom was 15, how old was Dick? **19**

When Dick was 21, how old was Tom? **17**

When Dick was 32, how old was Tom? **28**

Which choice best explains the rule for this table? (Circle one)

- a. Add four to Dick age to find Tom age.
- b. Add four to Dick age to find Tom age.
- c. Subtract four from Dick ' age to find Tom age.**
- d. Subtract four from the sum of Tom and Dick age to find Dick age.