

Name _____

Score: _____

In and Out Boxes

Fill in the empty boxes.

a.

In	Out
10	
13	
15	
	25

rule: add 5

b.

In	Out
7	4
9	
	11
	10

rule: _____

c.

In	Out
17	25
25	
38	
	45

rule: _____

d.

In	19	25	71	11
Out				

rule: subtract 10

e.

In	15	22		
Out	6		36	20

rule: _____

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

Age in Years

Paul Age	13	16	20	25	?	28
Joy Age	16	19	23	?	29	32

When Paul was 25, how old was Joy? _____

When Joy was 29, how old was Paul? _____

When Joy was 35, how old was Paul? _____

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

- Add three to Paul age to find Joy age.
- Add three to Joy age to find Paul age.
- Subtract three from Paul age to find Joy age.
- Subtract three from the sum of Joy and Paul age to find Joy age.

Name _____

Score: _____

In and Out Boxes **ANSWER KEY**

Fill in the empty boxes.

a.

In	Out
10	15
13	18
15	20
20	25

rule: **add 5**

b.

In	Out
7	4
9	6
14	11
13	10

rule: **subtract 3**

c.

In	Out
17	25
25	33
38	46
37	45

rule: **add 8**

d.

In	19	25	71	11
Out	10	15	61	1

rule: **subtract 10**

e.

In	15	22	45	29
Out	6	13	36	20

rule: **subtract 9**

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

Age in Years

Paul Age	13	16	20	25	26	29
Joy Age	16	19	23	28	29	32

When Paul was 25, how old was Joy? **28**

When Joy was 29, how old was Paul? **26**

When Joy was 35, how old was Paul? **32**

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

- a. Add three to Paul age to find Joy age.**
- b. Add three to Joy age to find Paul age.
- c. Subtract three from Paul age to find Joy age.
- d. Subtract three from the sum of Joy and Paul age to find Joy age.