

In and Out Boxes

a.

In	Out
6	
9	
15	
	22

rule: add 4

b.

In	Out
5	2
7	
	9
	13

rule: _____

c.

In	Out
9	14
14	
21	
	30

rule: _____

d.

In	8	13	19	
Out				21

rule: subtract 7

e.

In	9	15		
Out	3		12	18

rule: _____

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

Age in Years

Kris' Age	4	7	12	15	?	23
Pat's Age	7	10	15	?	22	26

When Kris was 15, how old was Pat? _____

When Pat was 22, how old was Kris? _____

When Pat was 30, how old was Kris? _____

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

- a. Add three to Kris' age to find Pat's age.
- b. Add three to Pat's age to find Kris' age.
- c. Subtract three from Kris' age to find Pat's age.
- d. Subtract three from the sum of Pat and Kris' age to find Pat's age.

ANSWER KEY

In and Out Boxes

a.

In	Out
6	<u>10</u>
9	<u>13</u>
15	<u>19</u>
<u>18</u>	22

rule: add 4

b.

In	Out
5	2
7	<u>4</u>
<u>12</u>	9
<u>16</u>	13

rule: subtract 3

c.

In	Out
9	14
14	<u>19</u>
21	<u>26</u>
<u>25</u>	30

rule: add 5

d.

In	8	13	19	<u>28</u>
Out	<u>1</u>	<u>6</u>	<u>12</u>	21

rule: subtract 7

e.

In	9	15	<u>18</u>	<u>24</u>
Out	3	<u>9</u>	12	18

rule: subtract 6

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

Age in Years

Kris' Age	4	7	12	15	<u>19</u>	23
Pat's Age	7	10	15	<u>18</u>	22	26

When Kris was 15, how old was Pat? 18

When Pat was 22, how old was Kris? 19

When Pat was 30, how old was Kris? 27

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

- a. Add three to Kris' age to find Pat's age.
- b. Add three to Pat's age to find Kris' age.
- c. Subtract three from Kris' age to find Pat's age.
- d. Subtract three from the sum of Pat and Kris' age to find Pat's age.