

Name \_\_\_\_\_

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

# In and Out Boxes

Fill in the empty boxes.

a.

| In | Out |
|----|-----|
| 15 |     |
| 25 |     |
| 32 |     |
|    | 28  |

rule: add 7

b.

| In | Out |
|----|-----|
| 8  | 5   |
| 10 |     |
|    | 14  |
|    | 19  |

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

c.

| In | Out |
|----|-----|
| 11 | 17  |
| 29 |     |
| 45 |     |
|    | 53  |

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

d.

| In  | 23 | 29 | 35 | 41 |
|-----|----|----|----|----|
| Out |    |    |    |    |

rule: subtract 8

e.

| In  | 26 | 30 |    |    |
|-----|----|----|----|----|
| Out | 15 |    | 39 | 47 |

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

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

Age in Years

|          |    |    |    |    |    |    |
|----------|----|----|----|----|----|----|
| Rick Age | 8  | 12 | 17 | 22 | ?  | 30 |
| Jeck Age | 12 | 16 | 21 | ?  | 30 | 34 |

When Rick was 22, how old was Jeck? \_\_\_\_\_

When Jeck was 30, how old was Rick? \_\_\_\_\_

When Jeck was 38, how old was Rick? \_\_\_\_\_

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

- Add four to Rick age to find Jeck age.
- Add four to Jeck age to find Rick age.
- Subtract four from Rick age to find Jeck age.
- Subtract four from the sum of Jeck and Rick age to find Jeck age.

Name \_\_\_\_\_

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

# In and Out Boxes **ANSWER KEY**

Fill in the empty boxes.

a.

| In | Out |
|----|-----|
| 15 | 22  |
| 25 | 32  |
| 32 | 39  |
| 21 | 28  |

rule: **add 7**

b.

| In | Out |
|----|-----|
| 8  | 5   |
| 10 | 7   |
| 17 | 14  |
| 22 | 19  |

rule: **subtract 3**

c.

| In | Out |
|----|-----|
| 11 | 17  |
| 29 | 35  |
| 45 | 51  |
| 47 | 53  |

rule: **add 6**

d.

| In  | 23 | 29 | 35 | 41 |
|-----|----|----|----|----|
| Out | 15 | 21 | 27 | 33 |

rule: **subtract 8**

e.

| In  | 26 | 30 | 50 | 58 |
|-----|----|----|----|----|
| Out | 15 | 19 | 39 | 47 |

rule: **subtract 11**

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

Age in Years

|          |    |    |    |    |    |    |
|----------|----|----|----|----|----|----|
| Rick Age | 8  | 12 | 17 | 22 | 26 | 30 |
| Jeck Age | 12 | 16 | 21 | 26 | 30 | 34 |

When Rick was 22, how old was Jeck? **26**

When Jeck was 30, how old was Rick? **26**

When Jeck was 38, how old was Rick? **34**

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

**a. Add four to Rick age to find Jeck age.**

b. Add four to Jeck age to find Rick age.

c. Subtract four from Rick age to find Jeck age.

d. Subtract four from the sum of Jeck and Rick age to find Jeck age.