

Name _____

Score: _____

In and Out Boxes

Fill in the empty boxes.

a.

| In | Out |
|----|-----|
| 19 | |
| 25 | |
| 64 | |
| | 69 |

rule: add 10

b.

| In | Out |
|----|-----|
| 19 | 10 |
| 30 | |
| | 49 |
| | 60 |

rule: _____

c.

| In | Out |
|----|-----|
| 90 | 120 |
| 80 | |
| 40 | |
| | 55 |

rule: _____

d.

| In | 19 | 34 | 24 | 20 |
|-----|----|----|----|----|
| Out | | | | |

rule: subtract 4

e.

| In | 9 | 28 | | |
|-----|---|----|----|----|
| Out | 1 | | 40 | 58 |

rule: _____

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

Age in Years

| | | | | | | |
|-----------|----|----|----|----|----|----|
| Bravo Age | 2 | 5 | 8 | 12 | ? | 54 |
| Lara Age | 12 | 15 | 18 | ? | 42 | 64 |

When Bravo was 12, how old was Lara? _____

When Lara was 42, how old was Bravo? _____

When Lara was 70, how old was Bravo? _____

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

- Add ten to Lara age to find Bravo age.
- Add ten to Bravo age to find Lara age.
- Subtract ten from Lara ' age to find Bravo age.
- Subtract ten from the sum of Bravo and Lara age to find Lara age.

Name _____

Score: _____

In and Out Boxes **ANSWER KEY**

Fill in the empty boxes.

a.

| In | Out |
|-----------|-----------|
| 19 | 29 |
| 25 | 35 |
| 64 | 74 |
| 59 | 69 |

rule: **add 10**

b.

| In | Out |
|-----------|-----------|
| 19 | 10 |
| 30 | 21 |
| 58 | 49 |
| 69 | 60 |

rule: **subtract 9**

c.

| In | Out |
|-----------|------------|
| 90 | 120 |
| 80 | 110 |
| 40 | 70 |
| 25 | 55 |

rule: **add 30**

d.

| | | | | |
|-----|-----------|-----------|-----------|-----------|
| In | 19 | 34 | 24 | 20 |
| Out | 15 | 30 | 20 | 16 |

rule: **subtract 4**

e.

| | | | | |
|-----|---|-----------|-----------|-----------|
| In | 9 | 28 | 48 | 66 |
| Out | 1 | 20 | 40 | 58 |

rule: **subtract 8**

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

Age in Years

| | | | | | | |
|-----------|----|----|----|-----------|-----------|----|
| Bravo Age | 2 | 5 | 8 | 12 | 32 | 54 |
| Lara Age | 12 | 15 | 18 | 22 | 42 | 64 |

When Bravo was 12, how old was Lara? **22**

When Lara was 42, how old was Bravo? **32**

When Lara was 70, how old was Bravo? **60**

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

- a. Add ten to Lara age to find Bravo age.
- b. Add ten to Bravo age to find Lara age.**
- c. Subtract ten from Lara ' age to find Bravo age.
- d. Subtract ten from the sum of Bravo and Lara age to find Lara age.