

Name _____

Score: _____

Input and Output Tables



Complete the tables.

a.

| Input | Output |
|-------|--------|
| 50 | 85 |
| 60 | |
| 80 | |
| | 90 |

rule: add 35

b.

| Input | Output |
|-------|--------|
| 20 | |
| | 35 |
| 58 | |
| 42 | |

rule: subtract 5

c.

| | | | | |
|--------|----|----|----|----|
| Input | 45 | 88 | | |
| Output | 50 | | 65 | 88 |

rule: _____

d.

| | | | | |
|--------|----|----|----|----|
| Input | | 40 | | 80 |
| Output | 15 | 20 | 65 | 60 |

rule: _____

Complete the table and answer the questions.

e.

| Input | Output |
|-------|--------|
| 40 | 32 |
| 98 | 90 |
| 67 | |
| | 100 |
| | 160 |
| | 198 |

What is the rule for this table? _____

Explain how you found the rule.

Name _____

Score: _____

Input and Output Tables **ANSWER KEY**



Complete the tables.

a.

| Input | Output |
|-------|--------|
| 50 | 85 |
| 60 | 95 |
| 80 | 115 |
| 55 | 90 |

rule: add 35

b.

| Input | Output |
|-------|--------|
| 20 | 15 |
| 40 | 35 |
| 58 | 53 |
| 42 | 37 |

rule: subtract 5

c.

| Input | 45 | 88 | 60 | 83 |
|--------|----|----|----|----|
| Output | 50 | 93 | 65 | 88 |

rule: add 5

d.

| Input | 35 | 40 | 85 | 80 |
|--------|----|----|----|----|
| Output | 15 | 20 | 65 | 60 |

rule: subtract 20

Complete the table and answer the questions.

e.

| Input | Output |
|-------|--------|
| 40 | 32 |
| 98 | 90 |
| 67 | 59 |
| 108 | 100 |
| 168 | 160 |
| 206 | 198 |

What is the rule for this table? **Subtract 8**

Explain how you found the rule.

First, observe whether the number goes up or down in the output column. Since it goes up, you know you're adding. Then subtract to find the difference between 40 and 32.