Name: _____

# FUNCTION MACHINES

Complete the function machines by finding the missing outputs or inputs.

+11

| Input | Output |
|---|---|
| 16 | |
| 28 | |
| 43 | |

x4

| Input | Output |
|---|---|
| 3 | |
| 7 | |
| 9 | |

x6

| Input | Output |
|---|---|
| 2 | |
| | 36 |
| 12 | |

x8

| Input | Output |
|---|---|
| | 24 |
| | 72 |
| 11 | |

÷7

| Input | Output |
|---|---|
| 21 | |
| | 10 |
| 35 | |

÷9

| Input | Output |
|---|---|
| | 3 |
| | 7 |
| | 11 |

x3 → +2

| Input | Output |
|---|---|
| 4 | |
| 5 | |
| 8 | |

÷2 → +8

| Input | Output |
|---|---|
| 10 | |
| 14 | |
| 22 | |

-4 → x3

| Input | Output |
|---|---|
| 7 | |
| 11 | |
| 16 | |

© NI Tutoring School

VIEW ANSWERS

Name: _____

# FUNCTION MACHINES

Complete the function machines by finding the missing outputs or inputs.

x5 → ÷2

| Input | Output |
|---|---|
| 6 | |
| 8 | |
| 10 | |

x3 → +3

| Input | Output |
|---|---|
| | 24 |
| 11 | |
| | 30 |

+5 → ÷2

| Input | Output |
|---|---|
| | 4 |
| | 6 |
| | 7.5 |

+3 → x2 → -1

| Input | Output |
|---|---|
| 2 | |
| 5 | |
| 7 | |

-4 → x3 → +2

| Input | Output |
|---|---|
| 5 | |
| 6 | |
| | 11 |

+3 → ÷2 → -1

| Input | Output |
|---|---|
| 3 | |
| 9 | |
| | 8 |

## Create your own!

□ →

| Input | Output |
|---|---|
| | |
| | |
| | |

□ → □ →

| Input | Output |
|---|---|
| | |
| | |
| | |

□ → □ → □

| Input | Output |
|---|---|
| | |
| | |
| | |

© NI Tutoring School

VIEW ANSWERS