

Function Machines

Practice

Bigger numbers — and times, not just plus.

Name: _____ Date: _____

Think: The rule might multiply. Try: does OUT = IN doubled? tripled?

1. Guess my rule. Fill the blanks, then write the rule.

Machine A

IN ($\triangle$)	→	OUT ($\square$)
11	→	5
7	→	1
21	→	15
6	→	_____
_____	→	11

Rule: $\square =$ _____

Machine B

IN ($\triangle$)	→	OUT ($\square$)
5	→	15
2	→	6
0	→	0
4	→	_____
_____	→	3

Rule: $\square =$ _____

Machine C

IN ($\triangle$)	→	OUT ($\square$)
12	→	25
2	→	15
8	→	21
13	→	_____
_____	→	28

Rule: $\square =$ _____

Machine D

IN ($\triangle$)	→	OUT ($\square$)
8	→	18
1	→	11
4	→	14
13	→	_____
_____	→	19

Rule: $\square =$ _____