

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 ($\square$)
10	→	20
4	→	8
7	→	14
8	→	_____
_____	→	18

Rule: $\square =$ _____

Machine B

IN ($\triangle$)	→	OUT ($\square$)
9	→	0
22	→	13
11	→	2
19	→	_____
_____	→	6

Rule: $\square =$ _____

Machine C

IN ($\triangle$)	→	OUT ($\square$)
10	→	4
17	→	11
12	→	6
21	→	_____
_____	→	10

Rule: $\square =$ _____

Machine D

IN ($\triangle$)	→	OUT ($\square$)
12	→	6
11	→	5
17	→	11
13	→	_____
_____	→	8

Rule: $\square =$ _____