
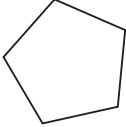
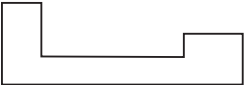
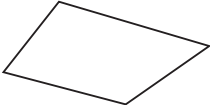


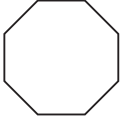

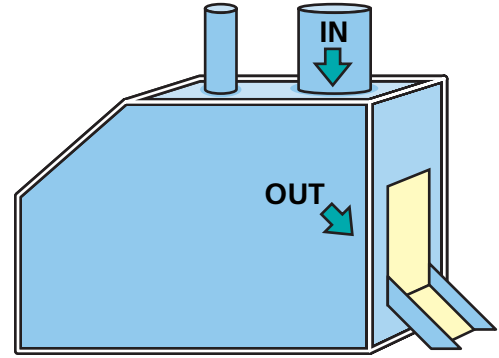


Finding a Rule for an Unusual Machine

NCTM Standards 1, 2, 3, 6, 7, 8, 9, 10

- 1 Find a rule for this unusual machine and complete the table.

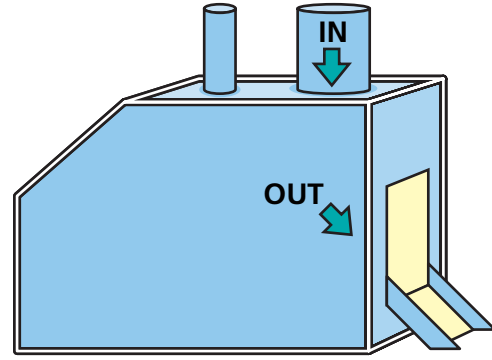
INPUT	OUTPUT
	
	
	8
	
	
	3
	4
	6
	
	11



- 2 Write a rule for the machine.

- 3 Find a rule for this new machine and complete the table.

INPUT	OUTPUT
30¢	two apples and 10¢
37¢	two apples and 17¢
68¢	two apples and 48¢
45¢	two apples and _____ ¢
	one apple and 6¢
	two apples and 37¢
10¢	
23¢	
77¢	
	two apples and 84¢



- 4 **Challenge** Tory had 78¢, and then she spent 59¢ at the store. She found a nickel on the way out of the store. Does she have enough money to buy an orange for 23¢? Explain.
