

Functions

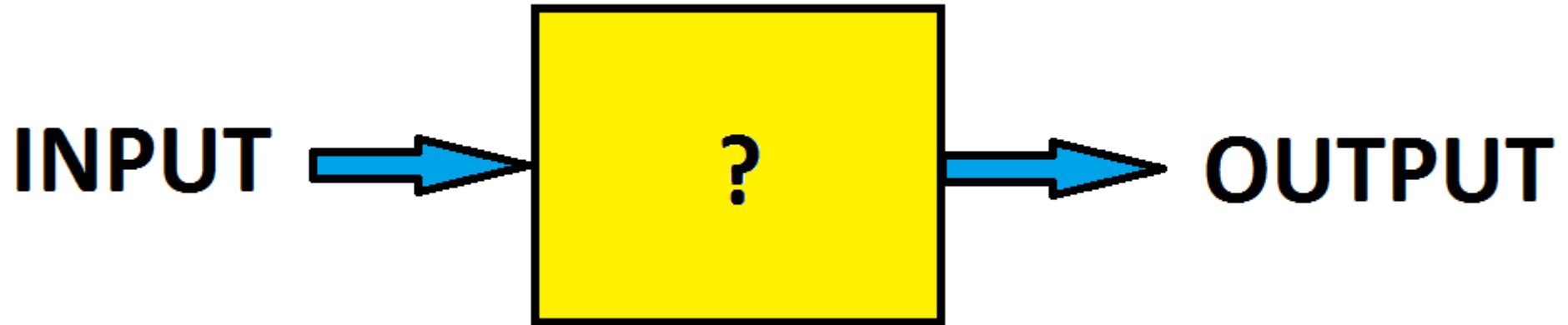
Guessing Game: What's my Rule?

Example: I make up a rule like

“double the number and subtract 2”

and you try to guess the rule.

Mathematical Function

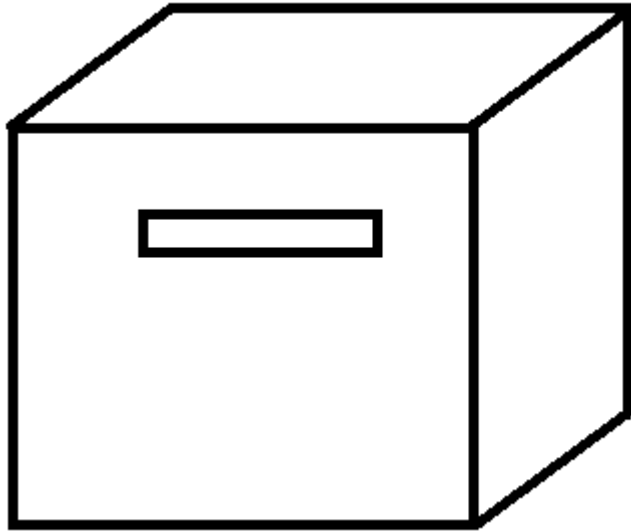


PROGRESSION THROUGH THE GRADES

Source: Algebraic Thinking, NCTM, 1999



KINDERGARTEN

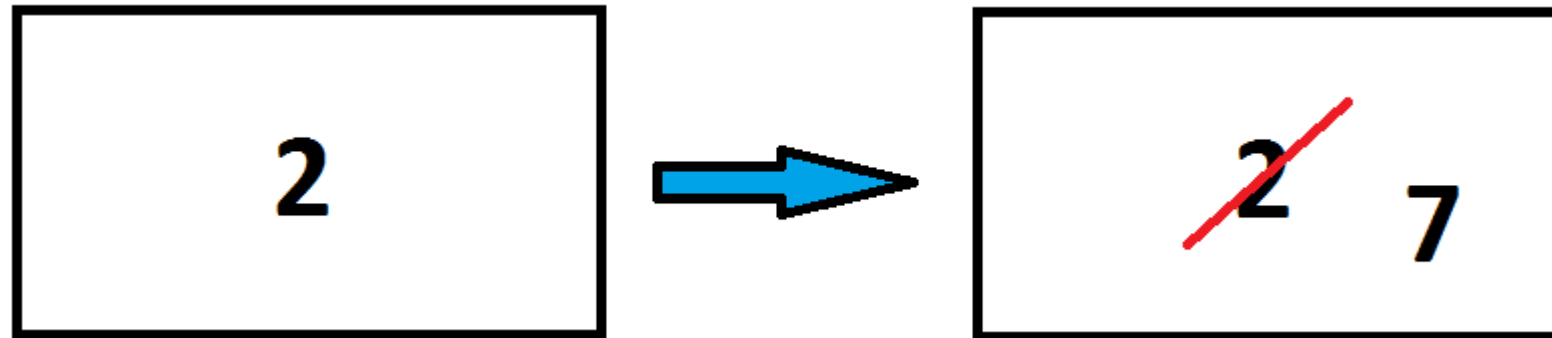


add 2

Drop in 5 popsicle sticks 7 fall out
Drop in 2 pennies 4 fall out

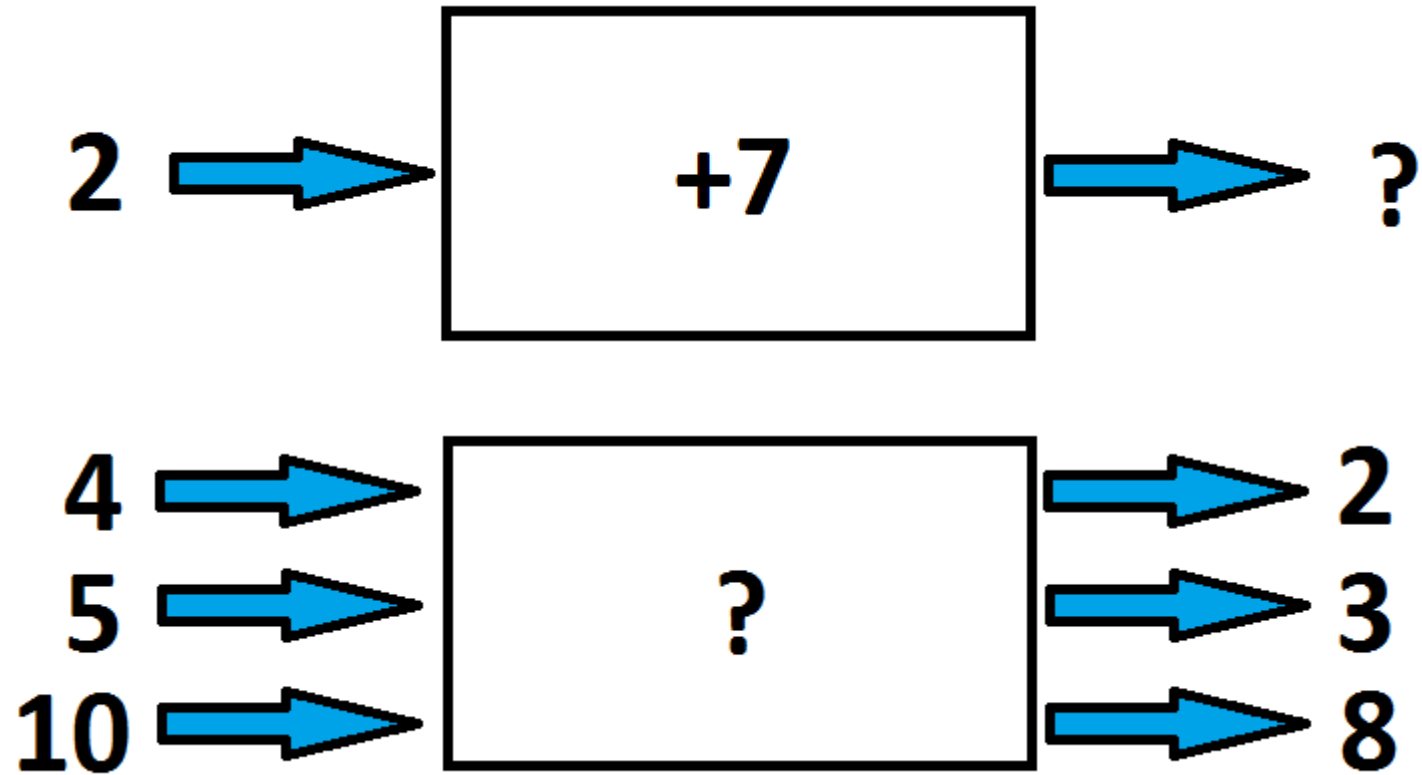
Source: Algebraic Thinking, NCTM, 1999

GRADE 1



Source: Algebraic Thinking, NCTM, 1999

GRADE 2



Source: Algebraic Thinking, NCTM, 1999