





50.)

$$5 - 6 = 6 - 5$$
$$\begin{array}{ccc} -1 & \neq & 1 \end{array}$$

NO

1-5 Words, Equations, Tables and Graphs



2. $2x$

3. $2(45) = 90$ seconds

Function - a relation in which each number in domain (x) is paired with exactly one # in the range (y).



Function rule: The operation ($+$, $-$, \times , \div) performed on the domain to get the range
example $2x$

function table: a table that lists the x coordinates, the rule, and the y coordinates.

example:

Rule: $2x$	
x	y
1	2
2	4
3	6

equation = has an equal sign

$n = \text{number}$
Rule: $2n + 3$

Domain $\{-1, 0, 1, 2\}$
Range $\{1, 3, 5, 7\}$

<u>Input</u>	<u>Rule</u>	<u>Output</u>	<u>Coordinates</u>
x	$2n + 3$	y	
-1	$2(-1) + 3$	1	$(-1, 1)$
0	$2(0) + 3$	3	$(0, 3)$
1	$2(1) + 3$	5	$(1, 5)$
2	$2(2) + 3$	7	$(2, 7)$

