

Steps

1. Find a rule for the table
 - *if the #'s increase, try + or x
 - *if the #'s decrease, try - or ÷
2. Make sure it works for each input/output
3. Use a variable and the pattern (rule) to write an expression

Ex.

people	legs
1	2
2	4
3	6
p	

$p \times 2$
 $p \times 2$
 $p \times 2$

people	legs
1	2
2	4
3	6
p	$2p$

Ex.

Jan's age	Mel's age
9	19
10	20
11	21
j	

$j + 10$
 $j + 10$
 $j + 10$

Jan's age	Mel's age
9	19
10	20
11	21
j	$j + 10$

Ex.

eggs	dozens
12	1
24	2
36	3
48	4
e	

$e \div 12$
 $e \div 12$
 $e \div 12$
 $e \div 12$

eggs	dozens
12	1
24	2
36	3
48	4
e	$e \div 12$

Notice: If a variable is in the input, the output will also have a variable in it.