Each of these function machines has two steps. Give the missing inputs and outputs for each machine.
1)

| Input |
| :---: |
| 12 |
| 2000 |
| 7.2 |


Output

Output
2)
0.8

Function

f)
3) Give the missing function and missing inputs for this two-step function machine.

4) Look at these two-step function machines.


Do you agree or disagree with each child's statement? Explain why.

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1) a) 4
b) 68
c) 31
d) 5995
e) 16.6
f) $1 \frac{3}{4}$
2) a) 16
b) 56
c) 7
d) 20
e) 35
f) 2.2
3) Function $\div 4$
a) 24
b) 320
C) 4.8
c) 39
4) Leo: This is incorrect, as each machine will give a different answer if we do what Leo suggests. Adding 7 to a number, then multiplying by 4 , will give a different answer to multiplying a number by 4 , then adding 7 to it.

Ruby: This is correct, as the pair of function machines will now have the function of +1 .

