

Find the input given the output

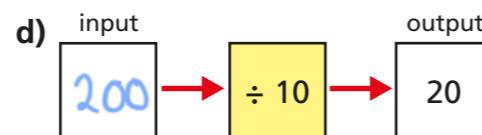
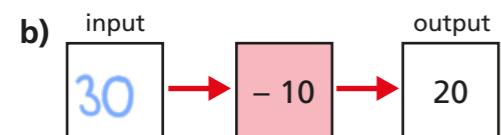
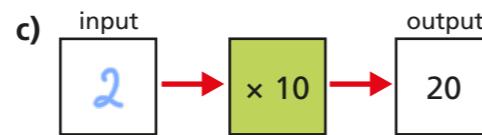
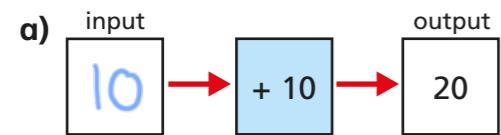
1 Complete the sentences.

a) The inverse of addition is subtraction.

b) The inverse of division is multiplication.

c) The inverse of squaring is square root.

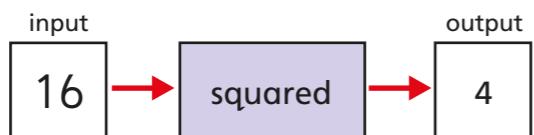
2 Complete the function machines.



Explain the method you used to find the inputs.

Inverse operations.

3 Annie has found the input for the function machine when the output is 4

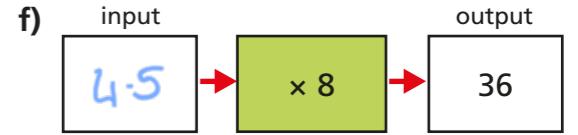
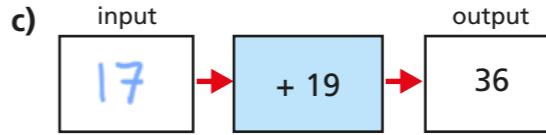
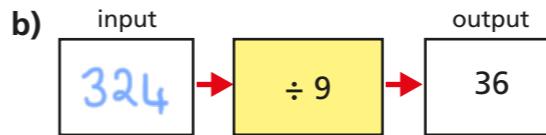
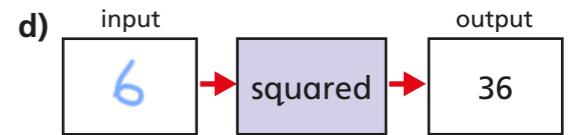
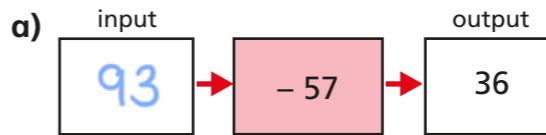


What mistake has Annie made?

She hasn't used the inverse.

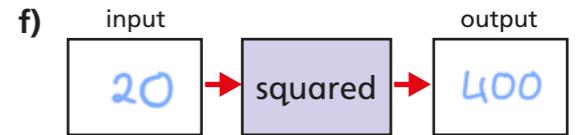
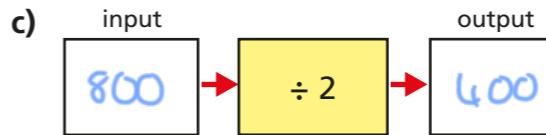
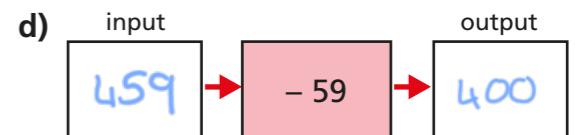
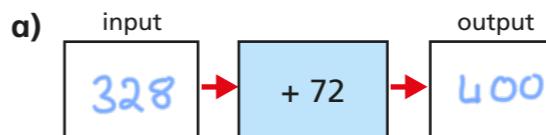
4

Complete the function machines.



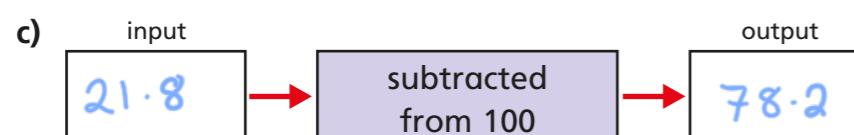
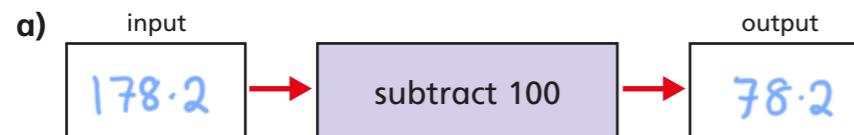
5

Find the input for these function machines if the output for each of them is 400



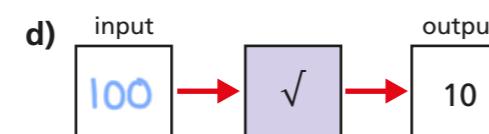
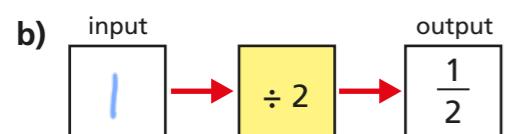
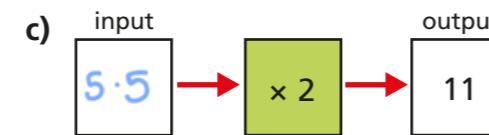
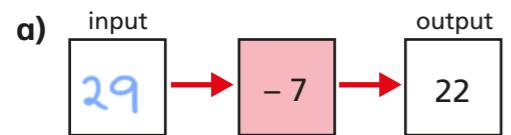
6

Find the input for these function machines if the output for each of them is 78.2



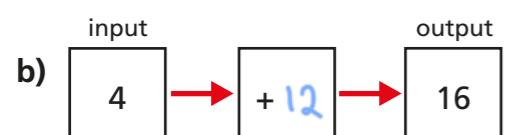
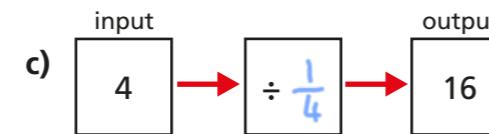
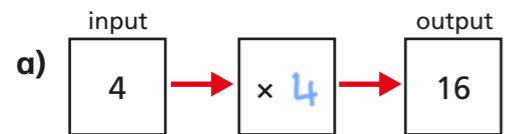
7

Find the inputs of the function machines.



8

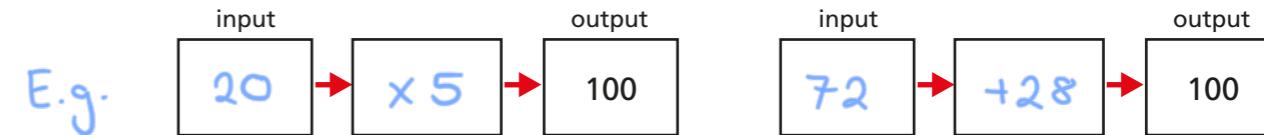
Complete the function machines.



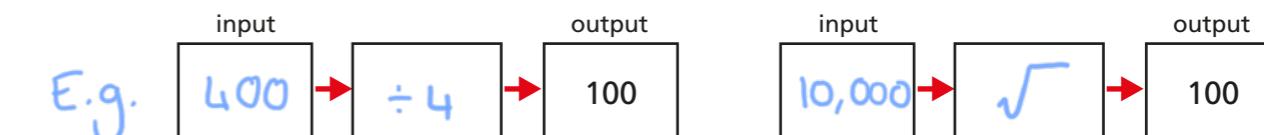
9

Write different operations to complete the function machines, using the given inputs.

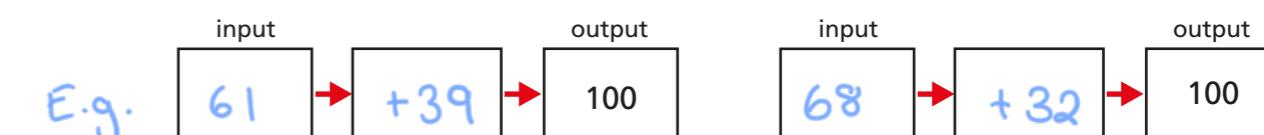
a) The input is less than 50



b) The input is more than 200



c) The input is between 60 and 70



d) The input is less than 0

