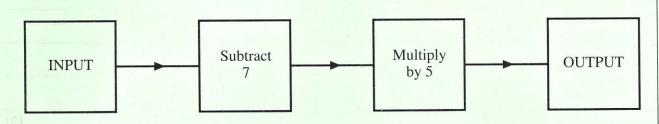
3. (a) The diagram below represents a number machine.



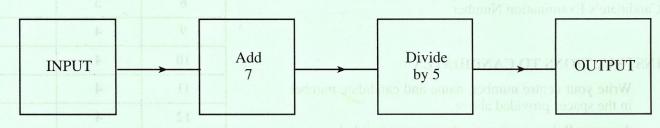


Find the OUTPUT when the INPUT is *n*.

		[2]
(b)	Use the formula $T = 2D + 3W$ to find the value of W when $T = 33$ and $D = 6$ .	

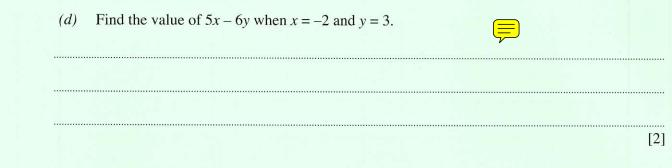
2. The diagram below represents a number machine.

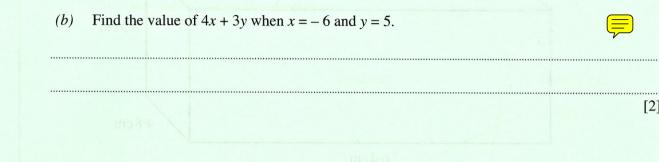




If the input is x, write down the output in terms of x.

[2]





(c) Find the value of 
$$4c - 3d$$
 when  $c = -2$  and  $d = 6$ .

