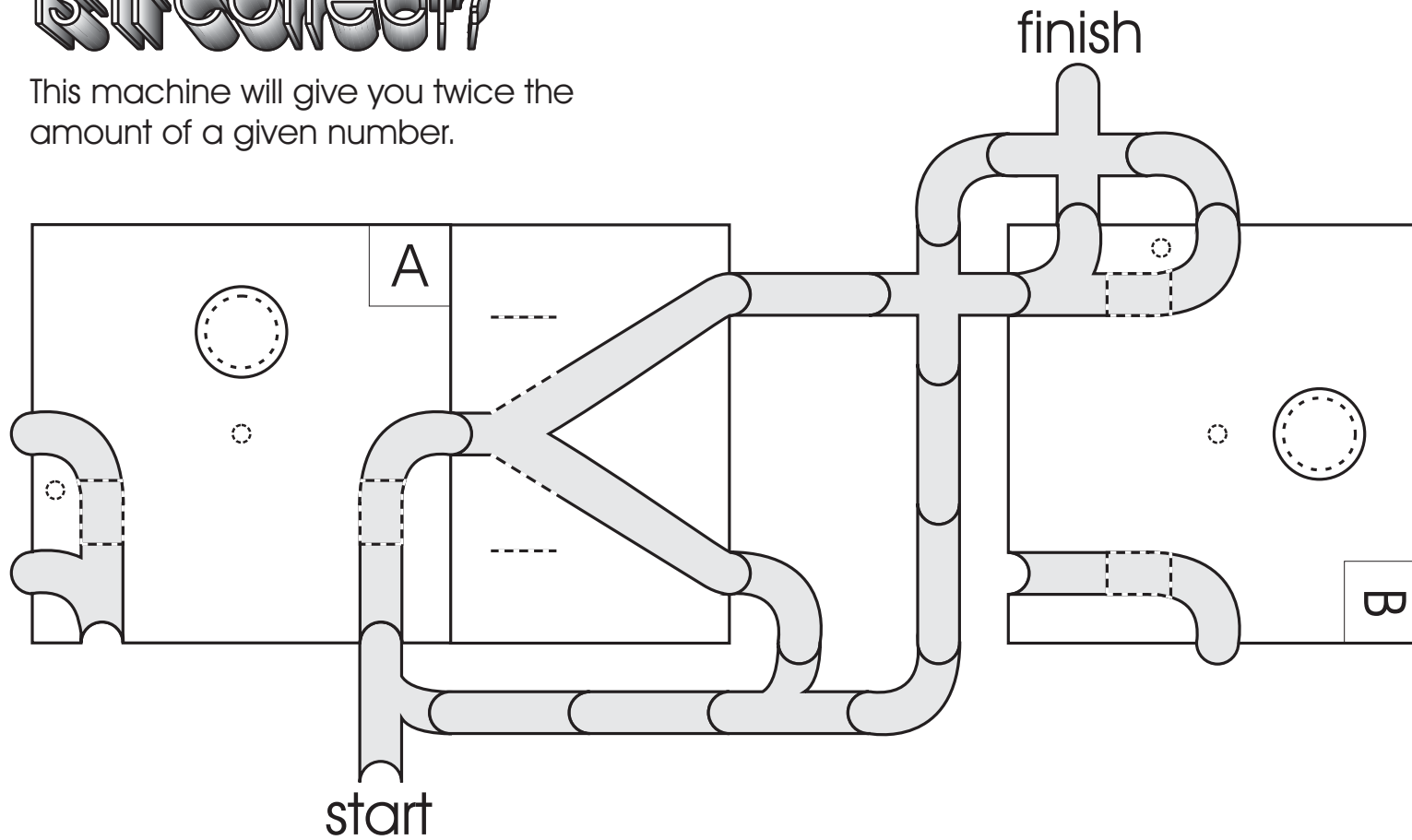


Is it correct?

This machine will give you twice the amount of a given number.

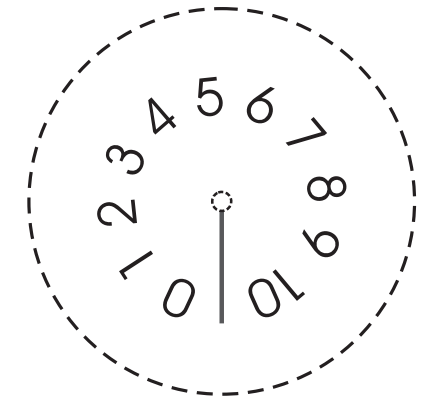
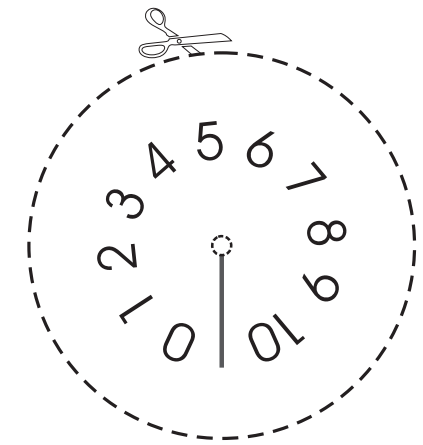


Try out the machine!

- Before each doubling, counter A has to be in the "0"-position, and the counter B in the position of the number you want to double. Furthermore, the lower track of the Flip-Flop has to be opened for passing through first.
- Try out the machine for values of 2, 3 and 4. Write down the results.
- What do you notice? Could you do it better?

There are constructions for doubling without Flip-Flops but instead with switches or just counters. Go ahead and try to build them!

start		finish	
counter A	counter B	counter A	counter B
0	2		
0	3		
0	4		



Use these parts in order to get operating counters and a working Flip-Flop. For fastening the moving parts of both counters you will need four press-studs.