INPUT	PROCESS	OUTPUT
○ 5L jug	○ Fill 5L ~~gallon~~ jug with water	○ 4 litres
○ 3L jug	○ Empty 3L ~~jug~~ into the 3L jug ,, leaving 2L in 5L jug	
	○ Empty 3L jug and refill it with the 2L from 5L jug.	
	○ Fill 5L jug again.	
	○ empty 1L from the ~~five~~ 5L jug into the 3L jug.	
	○ 5L jug left with 4L.	

(Start)

↓

5L jug = fill water.	
3L jug = 3L from 5L jug.	
3L jug = empty.	
3L jug = 2L remaining from 5L jug.	
5L jug = fill again.	
3L jug = 1L from 5L jug.	
5L jug = 4L of water.	

↓

(END)