

*Name:* .....

1. Complete the rules relating the symbols for each of the following tables of values.

(a)

$b$	$a$
1	7
2	8
3	9
4	10
5	11
6	12

$a =$

(b)

$n$	$m$
1	4
2	8
3	12
4	16
5	20
6	24

$m =$

(c)

$x$	$y$
20	15
21	16
22	17
23	18
24	19
25	20

$y =$

(d)

$Q$	$P$
3	1
6	2
9	3
12	4
15	5
18	6

$P =$

2. Complete the table of values for each of the following rules

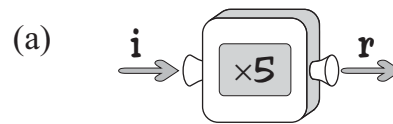
(a)  $y = 6 \times x$

$x$	$y$
2	
5	
	42
11	
	120
30	

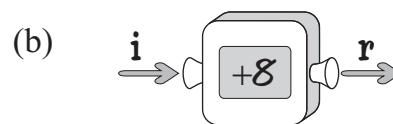
(a)  $m = n + 7$

$n$	$m$
1	
3	
	15
13	
	30
42	

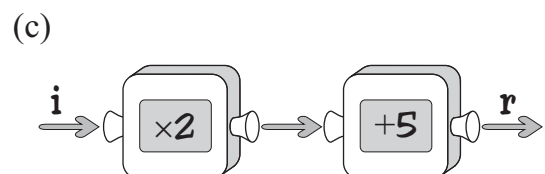
3. Complete the tables of values for each of the 'number machines' below.



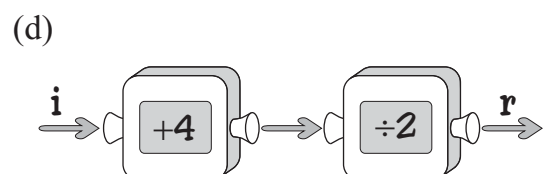
$i$	1		7	
$r$		15		45



$i$	2		13	
$r$		15		52



$i$	2			22
$r$		17	25	



$i$	2		10	
$r$		5		12