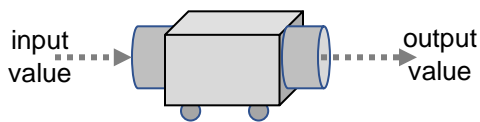


FUNCTION MACHINE WORKSHEET



Find an appropriate input-output “function machine” rule for each table. In other words, state what could be done to each set of inputs that results in the corresponding outputs.

Table 1	
input	output
3	18
5	30
7	42
9	54
Rule: times 6	

Table 2	
input	output
10	2
20	4
30	6
40	8
Rule: divide by 5	

Table 3	
input	output
4	15
9	20
13	24
18	29
Rule: plus 11	

Table 4	
input	output
18	11
25	18
39	32
44	37
Rule: minus 7	

Table 5	
input	output
1	2.5
5.5	7
7.1	8.6
11.6	13.1
Rule: plus 1.5	

Table 6	
input	output
4	6
8	12
12	18
24	36
Rule: times 1.5	

Table 7	
input	output
$\frac{1}{2}$	$\frac{3}{4}$
$1\frac{1}{2}$	$1\frac{3}{4}$
$2\frac{3}{4}$	3
$\frac{1}{8}$	$\frac{3}{8}$
Rule: plus $\frac{1}{4}$	

Table 8	
input	output
$\frac{1}{8}$	$\frac{1}{32}$
$\frac{1}{2}$	$\frac{1}{8}$
$\frac{2}{3}$	$\frac{2}{12}$
$\frac{3}{4}$	$\frac{3}{16}$
Rule: times $\frac{1}{4}$	

Table 9	
input	output
1	$\frac{1}{2}$
$3\frac{1}{2}$	3
$5\frac{1}{4}$	$4\frac{3}{4}$
$10\frac{3}{8}$	$9\frac{7}{8}$
Rule: minus $\frac{1}{2}$	