

1 Complete the table:

Input	Function	Output
1	+2	3
2	+2	4
3	+2	5
1	+3	4
2	+3	5
1	$\times 2$	2
2	$\times 2$	4
3	$\times 2$	6
2	$\times 3$	6
3	$\times 3$	9
3	-2	1
6	-2	4
7	-2	5
7	-3	4
8	-3	5
2	$\div 2$	1
8	$\div 2$	4
12	$\div 2$	6
18	$\div 3$	6
27	$\div 3$	9

2 Complete the table:

Function	Algebraic representation
+2	$x+2$
+3	$x+3$
+4	$x+4$
$\times 2$	$2x$
$\times 3$	$3x$
$\times 4$	$4x$
-2	$x-2$
-3	$x-3$
-4	$x-4$
$\div 2$	$\frac{x}{2}$ or $\frac{1}{2}x$
$\div 3$	$\frac{x}{3}$ or $\frac{1}{3}x$
$\div 4$	$\frac{x}{4}$ or $\frac{1}{4}x$
$\times \frac{1}{2}$	$\frac{x}{2}$ or $\frac{1}{2}x$
$\times \frac{1}{3}$	$\frac{x}{3}$ or $\frac{1}{3}x$
$\times \frac{1}{4}$	$\frac{x}{4}$ or $\frac{1}{4}x$
$\times \frac{2}{3}$	$\frac{2x}{3}$ or $\frac{2}{3}x$
$\times \frac{3}{2}$	$\frac{3x}{2}$ or $\frac{3}{2}x$

3 Complete the table:

$x$	Function	Output
1	$x+1$	2
1	$x+2$	3
2	$x+1$	3
2	$x+2$	4
0	$x+1$	1
1	$x+1$	2
1	$2x$	2
1	$3x$	3
2	$2x$	4
2	$3x$	6
1	$2x$	2
1	$3x$	3
1	$2x+1$	3
1	$2x+2$	4
2	$2x+1$	5
2	$2x+2$	7
0	$2x+1$	1
1	$2x+1$	3
2	$2x+1$	5

