

Matching puzzles

Match the Input/output charts to the word expression and the algebraic expression

Four groups of a number plus four	Half of x plus two	Seven sets of a number plus four	Negative six times a number and fifteen more	A quarter of a number plus two
$4x + 4$	$(\frac{1}{2})x + 2$	$7x + 4$	$-6x + 15$	$(\frac{1}{4})x + 2$
Negative three groups of a number minus four	Eighty sets of a number and four more	Three groups of x added to 5	Negative 5 times a variable plus hundred-ten	A variable plus 5
$-3x - 4$	$80x + 4$	$3x + 5$	$-5x + 110$	$x + 5$

input	output
0	4
1	8
2	12
3	16

input	output
0	2
1	2.5
2	3
3	3.5

input	output
-2	-10
-1	3
0	4
1	11

input	output
0	15
1	9
2	3
3	-3

input	output
8	4
12	5
16	6
20	7

input	output
-5	11
-4	8
-3	5
-2	2

input	output
-1	-76
0	4
1	84
2	164

input	output
0	5
1	8
2	11
3	14

input	output
5	85
10	60
15	35
20	10

input	output
10	15
20	25
30	35
40	45