Determine the relationship and write the equation

1

x	-1	0	1	2	3	4
y	3	5	7	9	11	13

When x = 0, y = 5 = 0 + 5 = 2 x 0 + 5
When x = 1, y = 7 = 2 + 5 = 2 x 1 + 5
When x = 2, y = 9 = 4 + 5 = 2 x 2 + 5
So the equation is y = 2x + 5

2

a	-1	0	1	2	3	4
b	-1	3	7	11	15	19

When a = _____, b = _____
When a = _____, b = _____
When a = _____, b = _____
So the equation is _____

3

m	-1	0	1	2	3	4
n	-1	2	5	8	11	14

When m = _____, n = _____
When m = _____, n = _____
When m = _____, n = _____
So the equation is _____

4

p	-1	0	1	2	3	4
q	-12	-7	-2	3	8	13

When p = _____, q = _____
When p = _____, q = _____
When p = _____, q = _____
So the equation is _____

5

c	-1	0	1	2	3	4
f	-9	-6	-3	0	3	6

When c = _____, f = _____
When c = _____, f = _____
When c = _____, f = _____
So the equation is _____

6

r	-1	0	1	2	3	4
t	-1	2	5	8	11	14

When r = _____, t = _____
When r = _____, t = _____
When r = _____, t = _____
So the equation is _____

7

s	-1	0	1	2	3	4
d	-5	-2	1	4	7	10

When s = _____, d = _____
When s = _____, d = _____
When s = _____, d = _____
So the equation is _____

8

c	0	3	6	9	12	15
p	4	3	2	1	0	-1

When c = _____, p = _____
When c = _____, p = _____
When c = _____, p = _____
So the equation is _____

9

q	0	1	2	3	4
4	3	1.5	0	-1.5	-2

When q = _____, a = _____
When q = _____, a = _____
When q = _____, a = _____
So the equation is _____

10

j	0.5	0	1	2	3
u	0	-1.5	1.5	4.5	7.5

When j = _____, u = _____
When j = _____, u = _____
When c = _____, u = _____
So the equation is _____