

Algebra Sec 3.6 Name _____

Write an equation for the relationship between x and y in each chart.

①

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

②

x	-3	-2	-1	0	1	2	3
y	14	10	6	2	-2	-6	-10

③

x	-3	-2	-1	0	1	2	3
y	4	4	4	4	4	4	4

④

x	-3	-2	-1	0	1	2	3
y	3	2	1	0	1	2	3

⑤

x	1	4	9	16	25	36
y	1	2	3	4	5	6

⑥

x	-3	-2	-1	0	1	2	3
y	-27	-8	-1	0	1	8	27

Write an equation for the relation given in each chart. Then copy and complete each chart.

⑦

x	1	2	3	4	5	6
y	4	8	12	16		

⑬

x	1	2	3	4	5	6
y	-3	-6	-9			-18

⑧

m	-3	-2	-1	0	1	2	3
n	-5	-3	-1				

⑭

a	-2	-1	0	1	2	3	4
b	-3	1	5				

⑨

a	-4	-2	0	2	4	6	8
b	-13	-5	3	11			

⑮

x	1	3	5	7	9	11	13
y	5	17	29	41			

⑩

x	1	2	3	4	5	6	7
y	14	13	12				

⑯

m	-2	-1	0	1	2	3	4
n	13	12	11	10			

⑪

a	-5	-3	-1	1	2	4	7
b	28	18	8				

⑰

x	-4	-2	0	2	4	6	8
y	26	22	18	14			

⑫

x	-4	-2	0	2	4	6	8
y	-1	0	1				

⑱

c	6	12	18	24	30	36	42
d		2	4			10	