

Recognizing Relationships From Tables of Data

Determine what type of relationship is represented in each table below, and fill in the next two values. Write the equation if you can.

x	y
0	-7
1	-6
2	-3
3	2
4	9
5	18
6	
7	

x	y
0	1
1	5
2	9
3	13
4	17
5	21
6	
7	

x	y
0	9
1	11
2	15
3	21
4	29
5	39
6	
7	

x	y
0	0.2
1	0.8
2	3.2
3	12.8
4	51.2
5	204.8
6	
7	

x	y
0	4
1	3
2	4
3	7
4	12
5	19
6	
7	

x	y
0	3
1	9
2	27
3	81
4	243
5	729
6	
7	

x	y
0	30
1	25
2	22
3	21
4	22
5	25
6	
7	

x	y
0	35
1	25
2	17
3	11
4	7
5	5
6	
7	

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Determine what type of relationship is represented in each table below, and fill in the next two values. Write the equation if you can.

x	y
0	5
1	7
2	9
3	11
4	13
5	15
6	
7	

x	y
0	1
1	3
2	9
3	27
4	81
5	243
6	
7	

x	y
0	21
1	22
2	25
3	30
4	37
5	46
6	
7	

x	y
0	-10
1	-12
2	-12
3	-10
4	-6
5	0
6	
7	

x	y
0	8
1	32
2	64
3	104
4	152
5	208
6	
7	

x	y
0	22
1	17
2	12
3	7
4	2
5	-3
6	
7	

x	y
0	4
1	3
2	4
3	7
4	12
5	19
6	
7	

x	y
0	3.2
1	12.8
2	51.2
3	204.8
4	819.2
5	3276.8
6	
7	

Recognizing Relationships From Tables of Data

Determine what type of relationship is represented in each table below, and fill in the next two values. Write the equation if you can.

x	y
0	7
1	21
2	39
3	61
4	87
5	117
6	
7	

x	y
0	21
1	29
2	39
3	51
4	65
5	81
6	
7	

x	y
0	-16
1	-8
2	8
3	32
4	64
5	104
6	
7	

x	y
0	-10
1	-5
2	8
3	29
4	58
5	95
6	
7	

x	y
0	0.2
1	1.2
2	7.2
3	43.2
4	259.2
5	1555.2
6	
7	

x	y
0	9
1	14
2	19
3	24
4	29
5	34
6	
7	

x	y
0	-13
1	-18
2	-23
3	-28
4	-33
5	-38
6	
7	

x	y
0	28
1	19
2	12
3	7
4	4
5	3
6	
7	

Recognizing Relationships From Tables of Data

Determine what type of relationship is represented in each table below, and fill in the next two values. Write the equation if you can.

x	y
0	37
1	30
2	25
3	22
4	21
5	22
6	
7	

x	y
0	-3
1	-8
2	-13
3	-18
4	-23
5	-28
6	
7	

x	y
0	30
1	18
2	8
3	0
4	-6
5	-10
6	
7	

x	y
0	39
1	28
2	19
3	12
4	7
5	4
6	
7	

x	y
0	1.2
1	7.2
2	43.2
3	259.2
4	1555.2
5	9331.2
6	
7	

x	y
0	5
1	7
2	11
3	17
4	25
5	35
6	
7	

x	y
0	-3
1	-1
2	1
3	3
4	5
5	7
6	
7	

x	y
0	-9
1	-3
2	7
3	21
4	39
5	61
6	
7	