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Find 3 adjacent squares that add to 50. Adjacent squares share a common side or a common vertex. Four examples are given. Find as many solutions as you can. A number can be used more than one solution.

21	4	10	34	19	25
16	18	19	6	22	21
24	5	11	27	10	13
17	20	39	12	19	2
3	14	16	21	15	16
23	24	36	14	17	18

Source:

Gimmicks Central Iowa Mathematics Project and Mathematics Association of Victoria

Find 3 adjacent squares that add to 60. Find as many solutions as you can.

45	2	13	10	29	13
44	14	32	30	17	18
23	31	1	7	20	26
15	12	33	25	19	16
35	41	4	43	34	21
11	3	8	9	22	5
43	6	24	33	27	28

Find 3 adjacent squares whose product is 60. Find as many solutions as you can.

24	20	1	3	40	60
3	5	3	30	1	5
40	1	24	2	4	6
60	2	3	1	5	12
30	1	20	3	6	10
2	6	10	4	2	1
60	40	3	1	20	24

