

Find the Hidden Math Problems!

There are at least 50 math problems hiding in the number grid below. Each problem uses 3 numbers in a line written left to right, top to bottom, or diagonally moving up and to the right. Put a +, −, ×, or ÷ between the first two numbers, and an = before the last number to create a true math equation. For example, the numbers 3 5 15 could make $3 \times 5 = 15$.

7	10	37	17	9	10	19	4	7	6	8	19	27	4	3
12	7	18	6	23	15	8	8	9	26	2	13	22	9	3
3	17	19	23	144	9	56	15	18	17	19	323	8	19	16
9	6	5	12	9	3	12	6	1	4	252	8	14	3	48
19	3	12	13	187	11	16	17	18	14	15	18	19	57	3
11	2	19	8	17	12	182	17	18	15	13	144	29	18	2
8	112	19	35	11	23	14	34	8	16	28	19	18	6	165
11	7	361	18	7	10	13	8	17	10	27	3	11	3	11
10	16	15	13	132	5	64	17	1	15	37	19	18	3	15
5	270	7	28	12	32	8	4	5	18	8	12	20	8	3
2	20	16	24	11	17	7	19	13	32	19	4	21	24	2
17	12	288	21	19	13	12	1	210	15	14	210	3	13	1
9	7	5	16	4	5	5	4	7	3	90	14	51	19	8
8	10	9	1	18	17	5	8	16	1	9	15	3	3	19
4	3	2	14	28	1	7	3	21	4	10	2	17	16	2

Challenge: Can you find other math equations that use more than three numbers or have different shapes than straight lines.