

CROSS EQUATIONS

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In the first two puzzles below, make a true equation in each row and column by entering the two math symbols and six digits given in the pink triangle into each row and each column. Each square is to be filled with exactly one digit or math symbol. The third and fourth puzzles are solved in a similar way, but you'll be placing one symbol and seven digits into each row and column. The locations of all the equal signs in the grid are given. The digits and symbol(s) to be entered into each row are shown to the right of the grid, and the digits and symbol(s) to be entered into each column are shown below the grid.

PUZZLE 1

1
577
99+
+

3
337
89-
-

0
277
99-
x

7
799
99+-

1
347
77x

0
135
57÷÷

PUZZLE 2

1
255
68+
-

1
467
79+
x

2
367
89-
x

1
356
99+x

0
126
89+x

3
345
67-x

PUZZLE 3

1
122
677
÷

1
155
678
+

1
233
579
+

1
234
799x

1
555
799x

0
126
799-

PUZZLE 4

1
134
669
÷

0
133
459
-

1
445
567
x

0
123
456+

0
123
348x

1
112
269÷

Answers

CROSS EQUATIONS

9	+	5	+	7	7	=	9	1
7	█			×	█			0
-	█			3	█			5
7	█			×	█			÷
9	3	-	8	7	-	3	=	3
=	█			=	█			÷
9	█			1	█			5
+	█			4	█			=
9	0	-	2	7	=	9	×	7

6	2	-	5	8	+	1	=	5
×	█			×	█			6
9	█			9	█			-
=	█			=	█			4
1	7	+	4	6	=	9	×	7
5	█			0	█			=
+	█			+	█			3
3	█			1	█			×
9	6	-	7	2	=	8	×	3

2	7	2	÷	1	6	=	1	7
9	█			9	█			0
×	█			5	█			1
1	█			×	█			-
7	1	+	8	5	=	1	5	6
=	█			=	█			9
4	█			9	█			9
9	█			7	█			=
3	7	+	9	5	=	1	3	2

4	9	6	÷	1	6	=	3	1
2	█			0	█			9
+	█			8	█			2
6	█			×	█			÷
3	5	0	-	3	4	9	=	1
=	█			=	█			2
1	█			3	█			=
0	█			2	█			1
5	4	×	1	4	=	7	5	6