

Factor String Puzzle

Name: _____

15	84	2	6	92	3	80	51
5	32	20	24	2	180	2	4
96	2	9	2	4	60	5	120
12	32	2	44	12	40	5	2
8	5	6	3	8	48	15	16
48	29	80	5	10	5	2	3
3	16	3	4	2	2	8	2
4	204	10	4	16	10	51	2

Search the puzzle above for strings of factors that multiply to give 480. The strings can connect numbers horizontally, vertically and diagonally. Write them here. Two have been done for you.

$$15 \times 32 = 480$$

$$5 \times 2 \times 16 \times 3 = 480$$