Investigating Prime Factors

Can all non-prime numbers be written as a product of prime factors?
Investigate whether this is true for all numbers up to 55.

2	Prime	20	$2 \times 2 \times 5$	38	2×19
3	Prime	21	3×7	39	3×13
4	2×2	22	2×11	40	$2 \times 2 \times 2 \times 5$
5	Prime	23	Prime	41	Prime
6	2×3	24	$2 \times 2 \times 2 \times 3$	42	$2 \times 3 \times 7$
7	Prime	25	5×5	43	Prime
8	$2 \times 2 \times 2$	26	2×13	44	$2 \times 2 \times 11$
9	3×3	27	$3 \times 3 \times 3$	45	$3 \times 3 \times 5$
10	2×5	28	$2 \times 2 \times 7$	46	2×23
11	Prime	29	Prime	47	Prime
12	$2 \times 2 \times 3$	30	$2 \times 3 \times 5$	48	$2 \times 2 \times 2 \times 2 \times 3$
13	Prime	31	Prime	49	7×7
14	2×7	32	$2 \times 2 \times 2 \times 2 \times 2$	50	$2 \times 5 \times 5$
15	3×5	33	3×11	51	3×17
16	$2 \times 2 \times 2 \times 2$	34	2×17	52	$2 \times 2 \times 13$
17	Prime	35	5×7	53	Prime
18	$2 \times 3 \times 3$	36	$2 \times 2 \times 3 \times 3$	54	$2 \times 3 \times 3 \times 3$
19	Prime	37	Prime	55	5×11