

The Factor Reactor

The reactor has blown, and the following numbers have been blasted into their prime factors.
Match each item in column A with its correct prime factorization in column B.

A

- 153
- 360
- 1,160
- 540
- 273
- 1,206
- 438
- 799
- 1,400
- 7,000
- 14,800
- 598

B

- $2 \times 3^2 \times 67$
- $2^2 \times 3^3 \times 5$
- $2 \times 3 \times 73$
- $2^3 \times 5^2 \times 7$
- $3^2 \times 17$
- $2^4 \times 5^2 \times 37$
- $2^3 \times 5 \times 29$
- $2 \times 13 \times 23$
- $2^3 \times 3^2 \times 5$
- $2^3 \times 5^3 \times 7$
- $3 \times 7 \times 13$
- 17×47