

# PRIME FACTORIZATION REFERENCE CHART

Numbers 2 - 50

|    | NUMBER : FACTOR       |
|----|-----------------------|
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| 2  | <i>Prime</i>          |
| 3  | <i>Prime</i>          |
| 4  | $2^2$                 |
| 5  | <i>Prime</i>          |
| 6  | $2 \times 3$          |
| 7  | <i>Prime</i>          |
| 8  | $2^3$                 |
| 9  | $3^2$                 |
| 10 | $2 \times 5$          |
| 11 | <i>Prime</i>          |
| 12 | $2^2 \times 3$        |
| 13 | <i>Prime</i>          |
| 14 | $2 \times 7$          |
| 15 | $3 \times 5$          |
| 16 | $2^4$                 |
| 17 | <i>Prime</i>          |
| 18 | $2 \times 3^2$        |
| 19 | <i>Prime</i>          |
| 20 | $2^2 \times 5$        |
| 21 | $3 \times 7$          |
| 22 | $2 \times 11$         |
| 23 | <i>Prime</i>          |
| 24 | $2^3 \times 3$        |
| 25 | $5^2$                 |
| 26 | $2 \times 13$         |
| 27 | $3^3$                 |
| 28 | $2^2 \times 7$        |
| 29 | <i>Prime</i>          |
| 30 | $2 \times 3 \times 5$ |
| 31 | <i>Prime</i>          |
| 32 | $2^5$                 |
| 33 | $3 \times 11$         |
| 34 | $2 \times 17$         |
| 35 | $5 \times 7$          |

$$362^2 \times 3^2$$

**37***Prime*

$$382 \times 19$$

$$393 \times 13$$

$$402^3 \times 5$$

**41***Prime*

$$422 \times 3 \times 7$$

**43***Prime*

$$442^2 \times 11$$

$$453^2 \times 5$$

$$462 \times 23$$

**47***Prime*

$$482^4 \times 3$$

$$497^2$$

$$502 \times 5^2$$

Educational Resource Template • Prime Factorization Guide