

Prime factor decomposition #1

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|----------------|---------------|
| 1) PFD(19) = | 21) PFD(74) = |
| 2) PFD(99) = | 22) PFD(10) = |
| 3) PFD(34) = | 23) PFD(17) = |
| 4) PFD(65) = | 24) PFD(59) = |
| 5) PFD(62) = | 25) PFD(85) = |
| 6) PFD(50) = | 26) PFD(28) = |
| 7) PFD(14) = | 27) PFD(64) = |
| 8) PFD(5) = | 28) PFD(51) = |
| 9) PFD(57) = | 29) PFD(79) = |
| 10) PFD(100) = | 30) PFD(2) = |
| 11) PFD(91) = | 31) PFD(36) = |
| 12) PFD(94) = | 32) PFD(31) = |
| 13) PFD(77) = | 33) PFD(15) = |
| 14) PFD(42) = | 34) PFD(4) = |
| 15) PFD(71) = | 35) PFD(3) = |
| 16) PFD(89) = | 36) PFD(29) = |
| 17) PFD(56) = | 37) PFD(69) = |
| 18) PFD(30) = | 38) PFD(58) = |
| 19) PFD(72) = | 39) PFD(46) = |
| 20) PFD(88) = | 40) PFD(60) = |

Prime factor decomposition #1 (Solutions)

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|---|---|
| 1) $19 = \mathbf{19}$ (prime) | 21) $74 = \mathbf{2} \times \mathbf{37}$ |
| 2) $99 = \mathbf{3^2} \times \mathbf{11}$ | 22) $10 = \mathbf{2} \times \mathbf{5}$ |
| 3) $34 = \mathbf{2} \times \mathbf{17}$ | 23) $17 = \mathbf{17}$ (prime) |
| 4) $65 = \mathbf{5} \times \mathbf{13}$ | 24) $59 = \mathbf{59}$ (prime) |
| 5) $62 = \mathbf{2} \times \mathbf{31}$ | 25) $85 = \mathbf{5} \times \mathbf{17}$ |
| 6) $50 = \mathbf{2} \times \mathbf{5^2}$ | 26) $28 = \mathbf{2^2} \times \mathbf{7}$ |
| 7) $14 = \mathbf{2} \times \mathbf{7}$ | 27) $64 = \mathbf{2^6}$ |
| 8) $5 = \mathbf{5}$ (prime) | 28) $51 = \mathbf{3} \times \mathbf{17}$ |
| 9) $57 = \mathbf{3} \times \mathbf{19}$ | 29) $79 = \mathbf{79}$ (prime) |
| 10) $100 = \mathbf{2^2} \times \mathbf{5^2}$ | 30) $2 = \mathbf{2}$ (prime) |
| 11) $91 = \mathbf{7} \times \mathbf{13}$ | 31) $36 = \mathbf{2^2} \times \mathbf{3^2}$ |
| 12) $94 = \mathbf{2} \times \mathbf{47}$ | 32) $31 = \mathbf{31}$ (prime) |
| 13) $77 = \mathbf{7} \times \mathbf{11}$ | 33) $15 = \mathbf{3} \times \mathbf{5}$ |
| 14) $42 = \mathbf{2} \times \mathbf{3} \times \mathbf{7}$ | 34) $4 = \mathbf{2^2}$ |
| 15) $71 = \mathbf{71}$ (prime) | 35) $3 = \mathbf{3}$ (prime) |
| 16) $89 = \mathbf{89}$ (prime) | 36) $29 = \mathbf{29}$ (prime) |
| 17) $56 = \mathbf{2^3} \times \mathbf{7}$ | 37) $69 = \mathbf{3} \times \mathbf{23}$ |
| 18) $30 = \mathbf{2} \times \mathbf{3} \times \mathbf{5}$ | 38) $58 = \mathbf{2} \times \mathbf{29}$ |
| 19) $72 = \mathbf{2^3} \times \mathbf{3^2}$ | 39) $46 = \mathbf{2} \times \mathbf{23}$ |
| 20) $88 = \mathbf{2^3} \times \mathbf{11}$ | 40) $60 = \mathbf{2^2} \times \mathbf{3} \times \mathbf{5}$ |