

Prime factor decomposition #8

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|---------------|---------------|
| 1) PFD(31) = | 21) PFD(49) = |
| 2) PFD(50) = | 22) PFD(18) = |
| 3) PFD(26) = | 23) PFD(92) = |
| 4) PFD(7) = | 24) PFD(12) = |
| 5) PFD(19) = | 25) PFD(33) = |
| 6) PFD(66) = | 26) PFD(28) = |
| 7) PFD(53) = | 27) PFD(84) = |
| 8) PFD(5) = | 28) PFD(60) = |
| 9) PFD(64) = | 29) PFD(51) = |
| 10) PFD(65) = | 30) PFD(75) = |
| 11) PFD(13) = | 31) PFD(99) = |
| 12) PFD(4) = | 32) PFD(91) = |
| 13) PFD(36) = | 33) PFD(68) = |
| 14) PFD(54) = | 34) PFD(62) = |
| 15) PFD(94) = | 35) PFD(16) = |
| 16) PFD(86) = | 36) PFD(35) = |
| 17) PFD(14) = | 37) PFD(10) = |
| 18) PFD(81) = | 38) PFD(15) = |
| 19) PFD(9) = | 39) PFD(45) = |
| 20) PFD(32) = | 40) PFD(90) = |

Prime factor decomposition #8 (Solutions)

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| 1) $31 = \mathbf{31}$ (prime) | 21) $49 = \mathbf{7^2}$ |
| 2) $50 = \mathbf{2} \times \mathbf{5^2}$ | 22) $18 = \mathbf{2} \times \mathbf{3^2}$ |
| 3) $26 = \mathbf{2} \times \mathbf{13}$ | 23) $92 = \mathbf{2^2} \times \mathbf{23}$ |
| 4) $7 = \mathbf{7}$ (prime) | 24) $12 = \mathbf{2^2} \times \mathbf{3}$ |
| 5) $19 = \mathbf{19}$ (prime) | 25) $33 = \mathbf{3} \times \mathbf{11}$ |
| 6) $66 = \mathbf{2} \times \mathbf{3} \times \mathbf{11}$ | 26) $28 = \mathbf{2^2} \times \mathbf{7}$ |
| 7) $53 = \mathbf{53}$ (prime) | 27) $84 = \mathbf{2^2} \times \mathbf{3} \times \mathbf{7}$ |
| 8) $5 = \mathbf{5}$ (prime) | 28) $60 = \mathbf{2^2} \times \mathbf{3} \times \mathbf{5}$ |
| 9) $64 = \mathbf{2^6}$ | 29) $51 = \mathbf{3} \times \mathbf{17}$ |
| 10) $65 = \mathbf{5} \times \mathbf{13}$ | 30) $75 = \mathbf{3} \times \mathbf{5^2}$ |
| 11) $13 = \mathbf{13}$ (prime) | 31) $99 = \mathbf{3^2} \times \mathbf{11}$ |
| 12) $4 = \mathbf{2^2}$ | 32) $91 = \mathbf{7} \times \mathbf{13}$ |
| 13) $36 = \mathbf{2^2} \times \mathbf{3^2}$ | 33) $68 = \mathbf{2^2} \times \mathbf{17}$ |
| 14) $54 = \mathbf{2} \times \mathbf{3^3}$ | 34) $62 = \mathbf{2} \times \mathbf{31}$ |
| 15) $94 = \mathbf{2} \times \mathbf{47}$ | 35) $16 = \mathbf{2^4}$ |
| 16) $86 = \mathbf{2} \times \mathbf{43}$ | 36) $35 = \mathbf{5} \times \mathbf{7}$ |
| 17) $14 = \mathbf{2} \times \mathbf{7}$ | 37) $10 = \mathbf{2} \times \mathbf{5}$ |
| 18) $81 = \mathbf{3^4}$ | 38) $15 = \mathbf{3} \times \mathbf{5}$ |
| 19) $9 = \mathbf{3^2}$ | 39) $45 = \mathbf{3^2} \times \mathbf{5}$ |
| 20) $32 = \mathbf{2^5}$ | 40) $90 = \mathbf{2} \times \mathbf{3^2} \times \mathbf{5}$ |