

Prime factor decomposition #9

- | | |
|---------------|----------------|
| 1) PFD(61) = | 21) PFD(80) = |
| 2) PFD(49) = | 22) PFD(36) = |
| 3) PFD(19) = | 23) PFD(25) = |
| 4) PFD(88) = | 24) PFD(2) = |
| 5) PFD(45) = | 25) PFD(66) = |
| 6) PFD(79) = | 26) PFD(12) = |
| 7) PFD(44) = | 27) PFD(72) = |
| 8) PFD(91) = | 28) PFD(7) = |
| 9) PFD(95) = | 29) PFD(50) = |
| 10) PFD(23) = | 30) PFD(92) = |
| 11) PFD(59) = | 31) PFD(94) = |
| 12) PFD(56) = | 32) PFD(22) = |
| 13) PFD(32) = | 33) PFD(8) = |
| 14) PFD(16) = | 34) PFD(18) = |
| 15) PFD(77) = | 35) PFD(10) = |
| 16) PFD(90) = | 36) PFD(51) = |
| 17) PFD(97) = | 37) PFD(15) = |
| 18) PFD(39) = | 38) PFD(28) = |
| 19) PFD(30) = | 39) PFD(55) = |
| 20) PFD(13) = | 40) PFD(100) = |

Prime factor decomposition #9 (Solutions)

- | | |
|---|--|
| 1) $61 = \mathbf{61}$ (prime) | 21) $80 = \mathbf{2^4} \times \mathbf{5}$ |
| 2) $49 = \mathbf{7^2}$ | 22) $36 = \mathbf{2^2} \times \mathbf{3^2}$ |
| 3) $19 = \mathbf{19}$ (prime) | 23) $25 = \mathbf{5^2}$ |
| 4) $88 = \mathbf{2^3} \times \mathbf{11}$ | 24) $2 = \mathbf{2}$ (prime) |
| 5) $45 = \mathbf{3^2} \times \mathbf{5}$ | 25) $66 = \mathbf{2} \times \mathbf{3} \times \mathbf{11}$ |
| 6) $79 = \mathbf{79}$ (prime) | 26) $12 = \mathbf{2^2} \times \mathbf{3}$ |
| 7) $44 = \mathbf{2^2} \times \mathbf{11}$ | 27) $72 = \mathbf{2^3} \times \mathbf{3^2}$ |
| 8) $91 = \mathbf{7} \times \mathbf{13}$ | 28) $7 = \mathbf{7}$ (prime) |
| 9) $95 = \mathbf{5} \times \mathbf{19}$ | 29) $50 = \mathbf{2} \times \mathbf{5^2}$ |
| 10) $23 = \mathbf{23}$ (prime) | 30) $92 = \mathbf{2^2} \times \mathbf{23}$ |
| 11) $59 = \mathbf{59}$ (prime) | 31) $94 = \mathbf{2} \times \mathbf{47}$ |
| 12) $56 = \mathbf{2^3} \times \mathbf{7}$ | 32) $22 = \mathbf{2} \times \mathbf{11}$ |
| 13) $32 = \mathbf{2^5}$ | 33) $8 = \mathbf{2^3}$ |
| 14) $16 = \mathbf{2^4}$ | 34) $18 = \mathbf{2} \times \mathbf{3^2}$ |
| 15) $77 = \mathbf{7} \times \mathbf{11}$ | 35) $10 = \mathbf{2} \times \mathbf{5}$ |
| 16) $90 = \mathbf{2} \times \mathbf{3^2} \times \mathbf{5}$ | 36) $51 = \mathbf{3} \times \mathbf{17}$ |
| 17) $97 = \mathbf{97}$ (prime) | 37) $15 = \mathbf{3} \times \mathbf{5}$ |
| 18) $39 = \mathbf{3} \times \mathbf{13}$ | 38) $28 = \mathbf{2^2} \times \mathbf{7}$ |
| 19) $30 = \mathbf{2} \times \mathbf{3} \times \mathbf{5}$ | 39) $55 = \mathbf{5} \times \mathbf{11}$ |
| 20) $13 = \mathbf{13}$ (prime) | 40) $100 = \mathbf{2^2} \times \mathbf{5^2}$ |