



Prime factors (numbers under 100)

Grade 4 Factoring Worksheet

Example: $24 = 2 \times 2 \times 2 \times 3$ (No - not prime)

List the prime factors for each number. Is the number prime?

1) $79 =$ _____ 2) $88 =$ _____

3) $56 =$ _____ 4) $23 =$ _____

5) $83 =$ _____ 6) $73 =$ _____

7) $89 =$ _____ 8) $71 =$ _____

9) $54 =$ _____ 10) $41 =$ _____

11) $53 =$ _____ 12) $18 =$ _____

13) $34 =$ _____ 14) $14 =$ _____

15) $26 =$ _____ 16) $97 =$ _____



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Example: $24 = 2 \times 2 \times 2 \times 3$ (No - not prime)

List the prime factors for each number. Is the number prime?

1) $79 = 79$ (Yes) 2) $88 = 2 \times 2 \times 2 \times 11$ (No)

3) $56 = 2 \times 2 \times 2 \times 7$ (No) 4) $23 = 23$ (Yes)

5) $83 = 83$ (Yes) 6) $73 = 73$ (Yes)

7) $89 = 89$ (Yes) 8) $71 = 71$ (Yes)

9) $54 = 2 \times 3 \times 3 \times 3$ (No) 10) $41 = 41$ (Yes)

11) $53 = 53$ (Yes) 12) $18 = 2 \times 3 \times 3$ (No)

13) $34 = 2 \times 17$ (No) 14) $14 = 2 \times 7$ (No)

15) $26 = 2 \times 13$ (No) 16) $97 = 97$ (Yes)