

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) $92 =$ _____ 2) $39 =$ _____

3) $60 =$ _____ 4) $80 =$ _____

5) $68 =$ _____ 6) $90 =$ _____

7) $22 =$ _____ 8) $67 =$ _____

9) $89 =$ _____ 10) $57 =$ _____

11) $10 =$ _____ 12) $37 =$ _____

13) $13 =$ _____ 14) $74 =$ _____

15) $53 =$ _____ 16) $17 =$ _____

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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) $92 = 2 \times 2 \times 23$ (No)

2) $39 = 3 \times 13$ (No)

3) $60 = 2 \times 2 \times 3 \times 5$ (No)

4) $80 = 2 \times 2 \times 2 \times 2 \times 5$ (No)

5) $68 = 2 \times 2 \times 17$ (No)

6) $90 = 2 \times 3 \times 3 \times 5$ (No)

7) $22 = 2 \times 11$ (No)

8) $67 = 67$ (Yes)

9) $89 = 89$ (Yes)

10) $57 = 3 \times 19$ (No)

11) $10 = 2 \times 5$ (No)

12) $37 = 37$ (Yes)

13) $13 = 13$ (Yes)

14) $74 = 2 \times 37$ (No)

15) $53 = 53$ (Yes)

16) $17 = 17$ (Yes)