



Prime factors (numbers under 200)

Grade 5 Factoring Worksheet

Example: $24 = 2 \times 2 \times 2 \times 3$ (Not prime)

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

1) $23 =$ _____

2) $188 =$ _____

3) $113 =$ _____

4) $47 =$ _____

5) $85 =$ _____

6) $177 =$ _____

7) $193 =$ _____

8) $199 =$ _____

9) $58 =$ _____

10) $50 =$ _____



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Example: $24 = 2 \times 2 \times 2 \times 3$ (Not prime)

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

1) $23 = 23$ (Yes)

2) $188 = 2 \times 2 \times 47$ (No)

3) $113 = 113$ (Yes)

4) $47 = 47$ (Yes)

5) $85 = 5 \times 17$ (No)

6) $177 = 3 \times 59$ (No)

7) $193 = 193$ (Yes)

8) $199 = 199$ (Yes)

9) $58 = 2 \times 29$ (No)

10) $50 = 2 \times 5 \times 5$ (No)