



Prime factors (numbers under 500)

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. $189 =$ _____

2. $335 =$ _____

3. $68 =$ _____

4. $396 =$ _____

5. $79 =$ _____

6. $122 =$ _____

7. $26 =$ _____

8. $496 =$ _____

9. $240 =$ _____

10. $88 =$ _____



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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. $189 = 3 \times 3 \times 3 \times 7$ (No) _____

2. $335 = 5 \times 67$ (No) _____

3. $68 = 2 \times 2 \times 17$ (No) _____

4. $396 = 2 \times 2 \times 3 \times 3 \times 11$ (No) _____

5. $79 = 79$ (Yes) _____

6. $122 = 2 \times 61$ (No) _____

7. $26 = 2 \times 13$ (No) _____

8. $496 = 2 \times 2 \times 2 \times 2 \times 31$ (No) _____

9. $240 = 2 \times 2 \times 2 \times 2 \times 3 \times 5$ (No) _____

10. $88 = 2 \times 2 \times 2 \times 11$ (No) _____