



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) $88 =$ _____

2) $350 =$ _____

3) $214 =$ _____

4) $73 =$ _____

5) $105 =$ _____

6) $92 =$ _____

7) $422 =$ _____

8) $439 =$ _____

9) $262 =$ _____

10) $373 =$ _____



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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) $88 = 2 \times 2 \times 2 \times 11$ (No)

2) $350 = 2 \times 5 \times 5 \times 7$ (No)

3) $214 = 2 \times 107$ (No)

4) $73 = 73$ (Yes)

5) $105 = 3 \times 5 \times 7$ (No)

6) $92 = 2 \times 2 \times 23$ (No)

7) $422 = 2 \times 211$ (No)

8) $439 = 439$ (Yes)

9) $262 = 2 \times 131$ (No)

10) $373 = 373$ (Yes)