Prime factors (numbers under 500)

Grade 5 Factoring Worksheet

Example: 24 = 2 x 2 x 2 X 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 = _____

Prime factors (numbers under 500)

Grade 5 Factoring Worksheet

Example: 24 = 2 x 2 x 2 X 3 (Not prime)

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

1) 88 = 2×2×2×11 (No)

2) 350 = 2×5×5×7 (No)

3) 214 = 2×107 (No)

4) 73 = 73 (Yes)

5) 105 = 3×5×7 (No)

6) 92 = 2×2×23 (No)

7) 422 = 2×211 (No)

8) 439 = 439 (Yes)

9) 262 = 2×131 (No)

10) 373 = 373 (Yes)