Prime factors (numbers under 200)

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) 145 = _____

2) 71 = _____

3) 111 = _____

4) 56 = _____

5) 167 = _____

6) 9 = _____

7) 50 = _____

8) 174 = _____

9) 185 = _____

10) 13 = _____

Prime factors (numbers under 200)

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) 145 = 5×29 (No)

2) 71 = 71 (Yes)

3) 111 = 3×37 (No)

4) 56 = 2×2×2×7 (No)

5) 167 = 167 (Yes)

6) 9 = 3×3 (No)

7) 50 = 2×5×5 (No)

8) 174 = 2×3×29 (No)

9) 185 = 5×37 (No)

10) 13 = 13 (Yes)