



Prime factors (numbers under 100)

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. $17 =$ _____

2. $76 =$ _____

3. $78 =$ _____

4. $6 =$ _____

5. $47 =$ _____

6. $26 =$ _____

7. $29 =$ _____

8. $49 =$ _____

9. $41 =$ _____

10. $43 =$ _____



Prime factors (numbers under 100)

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. $17 = 17$ (Yes) _____

2. $76 = 2 \times 2 \times 19$ (No) _____

3. $78 = 2 \times 3 \times 13$ (No) _____

4. $6 = 2 \times 3$ (No) _____

5. $47 = 47$ (Yes) _____

6. $26 = 2 \times 13$ (No) _____

7. $29 = 29$ (Yes) _____

8. $49 = 7 \times 7$ (No) _____

9. $41 = 41$ (Yes) _____

10. $43 = 43$ (Yes) _____