



## Prime factors (numbers under 100)

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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.  $31 =$  \_\_\_\_\_

2.  $61 =$  \_\_\_\_\_

3.  $2 =$  \_\_\_\_\_

4.  $47 =$  \_\_\_\_\_

5.  $51 =$  \_\_\_\_\_

6.  $73 =$  \_\_\_\_\_

7.  $17 =$  \_\_\_\_\_

8.  $7 =$  \_\_\_\_\_

9.  $67 =$  \_\_\_\_\_

10.  $29 =$  \_\_\_\_\_



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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.  $31 = 31$  (Yes) \_\_\_\_\_

2.  $61 = 61$  (Yes) \_\_\_\_\_

3.  $2 = 2$  (Yes) \_\_\_\_\_

4.  $47 = 47$  (Yes) \_\_\_\_\_

5.  $51 = 3 \times 17$  (No) \_\_\_\_\_

6.  $73 = 73$  (Yes) \_\_\_\_\_

7.  $17 = 17$  (Yes) \_\_\_\_\_

8.  $7 = 7$  (Yes) \_\_\_\_\_

9.  $67 = 67$  (Yes) \_\_\_\_\_

10.  $29 = 29$  (Yes) \_\_\_\_\_