



## 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.  $14 =$  \_\_\_\_\_

2.  $74 =$  \_\_\_\_\_

3.  $88 =$  \_\_\_\_\_

4.  $8 =$  \_\_\_\_\_

5.  $90 =$  \_\_\_\_\_

6.  $92 =$  \_\_\_\_\_

7.  $76 =$  \_\_\_\_\_

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

9.  $71 =$  \_\_\_\_\_

10.  $34 =$  \_\_\_\_\_



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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.  $14 = 2 \times 7$  (No) \_\_\_\_\_

2.  $74 = 2 \times 37$  (No) \_\_\_\_\_

3.  $88 = 2 \times 2 \times 2 \times 11$  (No) \_\_\_\_\_

4.  $8 = 2 \times 2 \times 2$  (No) \_\_\_\_\_

5.  $90 = 2 \times 3 \times 3 \times 5$  (No) \_\_\_\_\_

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

7.  $76 = 2 \times 2 \times 19$  (No) \_\_\_\_\_

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

9.  $71 = 71$  (Yes) \_\_\_\_\_

10.  $34 = 2 \times 17$  (No) \_\_\_\_\_