

## 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)  $63 =$  \_\_\_\_\_

2)  $76 =$  \_\_\_\_\_

3)  $17 =$  \_\_\_\_\_

4)  $85 =$  \_\_\_\_\_

5)  $21 =$  \_\_\_\_\_

6)  $56 =$  \_\_\_\_\_

7)  $82 =$  \_\_\_\_\_

8)  $2 =$  \_\_\_\_\_

9)  $91 =$  \_\_\_\_\_

10)  $36 =$  \_\_\_\_\_

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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)  $63 = 3 \times 3 \times 7$  (No)

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

3)  $17 = 17$  (Yes)

4)  $85 = 5 \times 17$  (No)

5)  $21 = 3 \times 7$  (No)

6)  $56 = 2 \times 2 \times 2 \times 7$  (No)

7)  $82 = 2 \times 41$  (No)

8)  $2 = 2$  (Yes)

9)  $91 = 7 \times 13$  (No)

10)  $36 = 2 \times 2 \times 3 \times 3$  (No)