

Name : \_\_\_\_\_

Score : \_\_\_\_\_

## Prime Factorization

DS1

Write each number in prime factor form.

1) 440

\_\_\_\_\_

2) 164

\_\_\_\_\_

3) 98

\_\_\_\_\_

4) 100

\_\_\_\_\_

5) 75

\_\_\_\_\_

7) 734

\_\_\_\_\_

9) 279

\_\_\_\_\_

11) 28

\_\_\_\_\_

12) 820

\_\_\_\_\_

# PREVIEW

Gain complete access to the largest  
collection of worksheets in all subjects!

Members, please  
log in to  
download this  
worksheet.

Not a member?  
Please sign up to  
gain complete  
access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

**Answer key****Prime Factorization**

DS1

Write each number in prime factor form.

1) 440

$$\underline{440 = 2 \times 2 \times 2 \times 5 \times 11}$$

2) 164

$$\underline{164 = 2 \times 2 \times 41}$$

3) 98

$$\underline{98 = 2 \times 7 \times 7}$$

4) 100

$$\underline{100 = 2 \times 5 \times 5}$$

5) 75

$$\underline{75 = 3 \times 5 \times 5}$$

7) 734

$$\underline{734 = 2 \times 367}$$

9) 279

$$\underline{279 = 3 \times 3 \times 31}$$

12) 820

$$\underline{820 = 2 \times 2 \times 5 \times 41}$$

11) 28

$$\underline{28 = 2 \times 2 \times 7}$$

# PREVIEW

Gain complete access to the largest  
collection of worksheets in all subjects!

Members, please  
log in to  
download this  
worksheet.

Not a member?  
Please sign up to  
gain complete  
access.

www.mathworksheets4kids.com