



Prime Numbers

Worksheet 5

1. Express each number as a product of its prime factors.

2. 500	2) 648	3) 729
4) 1875	5) 735	6) 2401

2. Underline the prime factors of the given numbers.

a. 24

2, 3, 5, 7, 11, 13, 23, 29

b. 56

2, 3, 5, 7, 11, 13, 23, 29

c. 115

2, 3, 5, 7, 11, 13, 23, 29

d. 290

2, 3, 5, 7, 11, 13, 23, 29

Answer Sheet

1. Express each number as a product of its prime factors.

1) 500 $2*2*5*5*5 = 500$	2) 648 $2*2*2*3*3*3*3 = 648$	3) 729 $3*3*3*3*3*3 = 729$
4) 1875 $3*5*5*5*5 = 1875$	5) 735 $3*5*7*7 = 735$	6) 2401 $7*7*7*7 = 2401$

2. Underline the prime factors of the given numbers.

a. 24

2, 3, 5, 7, 11, 13, 23, 29

b. 56

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c. 115

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