**Name:……………………………………………………………………….**

1) Find the prime factors of each number, then write each number as a product of its prime factors, firstly without using powers, then with. The first has been done as an example:

**36 20 12 25**

2 18

2 9

3 3

**36 =** 2x2x3x3 **20 = 12 = 25 =**

**54 56 24 8**

**54 = 56 = 80 = 132 =**

**Extension – write the prime factors of these large numbers**

**196 380 30030**

**196 = 380 = 30030 =**