Prime Factors

You can use a Factor Tree to find the prime factors of a number.

1. Copy and complete the Factor Tree to find the Prime Factors of 18.

18

3

6

18 = 3 x \_\_\_ x \_\_\_

2. Draw a Factor Tree to find the prime factors of:

a) 15 b) 20 c) 24 d) 28 e) 32 f) 40

g) 80 h) 100 i) 144 j) 150 k) 170 l) 230

3. Find two numbers greater than 40 that have 2 and 3 as their only prime factors.

4. What is the smallest number to have three prime factors?