

**Factor** - A number used to multiply with another number to find the product.

**Greatest Common Factor (GCF)** - the largest factor two or more numbers have in common.

### Method 1: Listing Factors

Step 1) List all the factors of each number.

Step 2) Circle the common factors.

Step 3) Choose the largest of the common factors. This is the GCF.

Example 1: Find the GCF of 32 and 54.

32: ①, ②, 4, 8, 16, 32

54: ①, ②, 3, 6, 9, 18, 27, 54

$$\text{GCF} = 2$$

Example 2: Find the GCF of 27 and 63.