## Division Principles

1. Explore the following idea by looking for examples and counter-examples of the statement.

True or false:  If A > B, and B > C, then A ÷ B > A  C.

2. Explore the following situation.

Find as many numbers as you can that:

When the number is divided by 2, it leaves a remainder of 1.
And also, when the same number is divided by 3, it leaves a remainder of 2.