



Simplifying Fractions

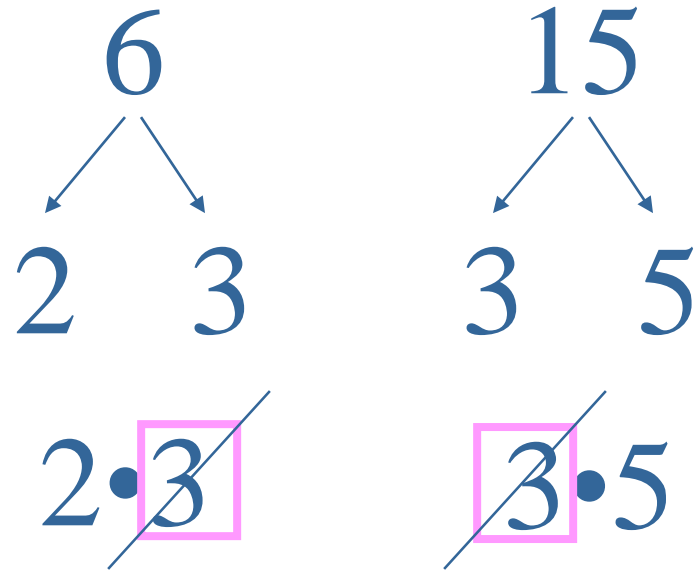
6th Grade Mathematics

Mr. Wong

Example 1: Write in simplest form.

$$\frac{6}{15} = \frac{2}{5}$$

Find the GCF of 6 and 15?



What is in common with both numbers?

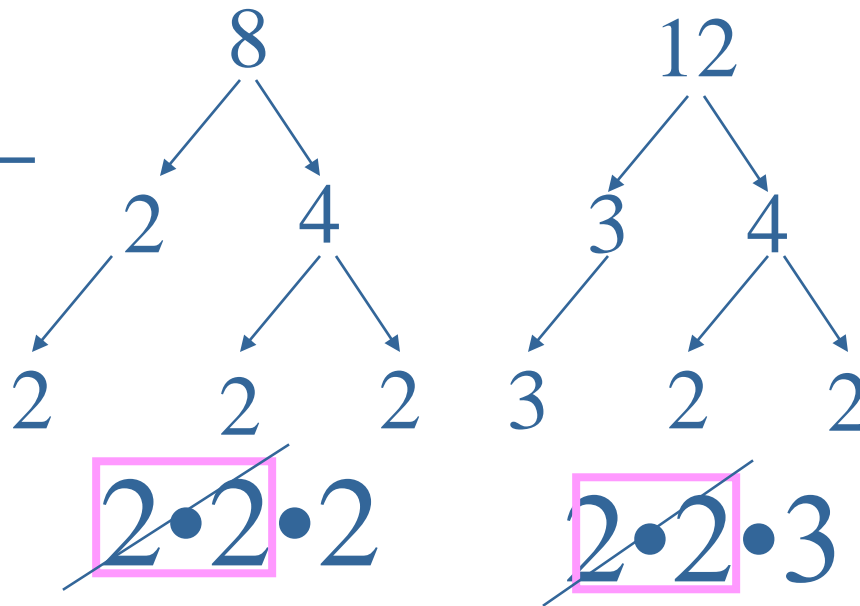
Cancel the “3” out and what do you have left?



Example 2: Write in simplest form.

Find the GCF of 8 and 12?

$$\frac{8}{12} = \frac{2}{3}$$



What is in common with both numbers?

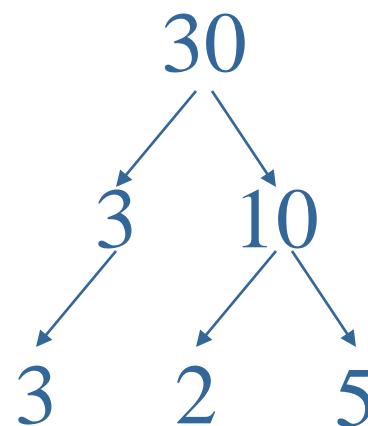
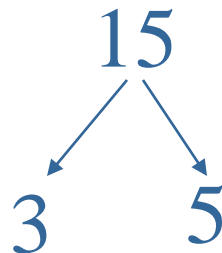
What letters are in common?

Cancel the “2·2” out and what do you have left?

Example 3: Write in simplest form.

Find the GCF of 15 and 30?

$$\frac{15}{30} = \frac{1}{2}$$



$$\cancel{3 \cdot 5}$$

$$2 \cdot \cancel{3 \cdot 5}$$

What is in common with both numbers?

What letters are in common?

Cancel the “3•5” out and what do you have left?

