

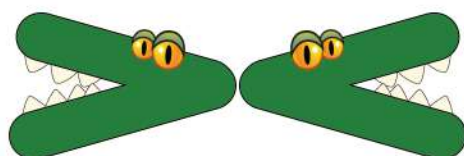
# Fractions Comparing with Unlike Numerator

Step 1: Check the fractions' denominators, which are  $\frac{3}{5}$  and  $\frac{4}{10}$ . They are different. Thus, let's calculate the LCM of denominators.  $LCM(5,10) = 10$ .

Step 2: Let's now convert them so that their denominators are the same. Let's multiply the first fraction by  $\frac{2}{2}$ , which is  $\frac{6}{10}$  when multiplied by  $\frac{3}{5}$ .

Step 5: The greater fraction,  $\frac{6}{10} > \frac{4}{10}$ , is the fraction with the larger numerator. Consequently,

$$\frac{3}{5} > \frac{4}{10}$$



Step 3: Let's now multiply the second fraction by  $\frac{1}{1}$ , which equals  $\frac{4}{10} \times \frac{1}{1} = \frac{4}{10}$ .

Step 4: Compare the fractions  $\frac{6}{10}$  and  $\frac{4}{10}$  in step 4. We will compare numerators because the denominators are the same, and we can see that  $6 > 4$  by doing so.