Fractions Comparing with Unlike Numerator

Step 1: Check the fractions' denominators, which are 3/5 and 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 2/2, which is 6/10 when multiplied by 3/5.

Step 3: Let's now multiply the second fraction by 1/1, which equals 4/10x1/1=4/10.

Step 4: Compare the fractions 6/10 and 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.

Step 5: The greater fraction, 6/10 > 4/10, is the fraction with the larger numerator. Consequently,

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