



Fractions Comparing with Unlike Denominator



Step 1: Check the fractions' denominators, which are $1/2$ and $2/5$. They are **different**. Thus, let's calculate the **LCM of denominators**. $LCM(2, 5) = 10$.

Step 2: Let's now convert them so that their **denominators are the same**. Let's **multiply the first fraction** by $5/5$, which is $5/10$ when multiplied by $1/2$.

Step 3: Let's now **multiply the second fraction** by $2/2$, which equals $2/5 \times 2/2 = 4/10$.

Step 4: Compare the fractions $5/10$ and $4/10$ in step 4. We will **compare the numerators because the denominators are the same**, and we can see that $5 > 4$ by doing so.

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

Consequently,

