







There are many methods to do this, I'll focus on two methods.



Find LCM of all the denominators in the complex fraction. Then multiply the Numerator and Denominator of the complex fraction by this LCM.

 $\frac{18+8}{11-6}$ \_\_

$$\frac{\frac{18}{56} + \frac{8}{56}}{\frac{11}{56} - \frac{5}{56}} =$$

 $\begin{cases} \frac{3}{2} + \frac{4}{3} & \frac{2}{2} \\ \frac{11}{6} - \frac{1}{1} \end{cases}$ 

$$=\frac{18+8}{11-6}=\frac{26}{5}$$

## Simplify:

 $\frac{\frac{x_{Y^{3}}}{x_{Y^{2}}}\frac{2}{x} + \frac{5}{y^{3}}\frac{x^{\prime}}{x^{\prime}}}{\frac{y^{3}}{y^{3}}\frac{3}{x^{2}} - \frac{6}{y^{2}}\frac{x^{\prime}y}{x^{\prime}y}} = \frac{\frac{2xy^{3}}{x^{\prime}y^{3}} + \frac{5x^{\prime}}{x^{\prime}y^{3}}}{\frac{3y^{3}}{x^{\prime}y^{3}} - \frac{6x^{\prime}y}{x^{\prime}y^{3}}}$ 13+5x2

