Recall: The method of profiled fractions 3 wifel to exposite one fractions into a same of fractions.
$$\frac{3x+11}{x^2x-6} = \frac{4}{x-3} + \frac{8}{x+2}$$
.

Method: 0. Long division.

1. Freber demonstrater.

2. For each factor, contribute a same.

3. Exposed the equality (common demonstrater)

4. Solve for the constraints.

Contributions:

$$\frac{1}{(x-4)^3} \xrightarrow{Ax+3} + \frac{2x+1}{(x-4)^5} + \frac{2x+7}{(x^2+2)^5} = \frac{1}{2x+1} = \frac{1}{2x+1}$$