$\frac{A}{(x+1)}+\frac{B}{(x-2)}+\frac{C}{(x-2)^{2}}$
$x^{2}-8 x+9=A(x-2)^{2}+B(x+1)(x-2)+C(x+1)$

$$
A=2
$$

$$
\begin{aligned}
& B=-1 \\
& C=-1
\end{aligned}
$$

1.1
1.1
1.1
$\frac{2}{(x+1)}-\frac{1}{(x-2)}-\frac{1}{(x-2)^{2}}$


