

transpose{invert{{1,1,1},{2,-1,3},{3,2,6}}}



Input:

$$\left\{ \begin{pmatrix} 1 & 1 & 1 \\ 2 & -1 & 3 \\ 3 & 2 & 6 \end{pmatrix}^{-1} \right]^T$$

Exact result:

$$\frac{3}{2} \mid \frac{1}{2} \mid -\frac{1}{2} \mid \frac{3}{8} \mid -\frac{3}{8} \mid \frac{1}{8} \mid -\frac{7}{8} \mid -\frac{1}{8} \mid \frac{3}{8}$$