

[1] -96

[2]

$$A^{-1} = \frac{1}{18} \begin{pmatrix} -5 & 1 & 7 \\ 7 & -5 & 1 \\ 1 & 7 & -5 \end{pmatrix}$$

[3] a, b, c が相異なる .

[4] -2