1-) $A = \begin{vmatrix} 9 & 0 & 0 & 3 \\ 6 & 3 & 6 & 6 \\ 0 & 6 & 6 & -8 \\ 0 & 9 & 3 & 0 \end{vmatrix}$

$(-1)^{1+1} \begin{vmatrix} 3 & 0 & 6 & 3 & 6 \\ 0 & 6 & -8 & 0 & 6 \\ 9 & 3 & 0 & 9 & 3 \end{vmatrix}$ $\quad 0+0+0 \quad 0+(-72)0 \quad \Big\rangle \cdot 72 \cdot 9 = 648$

$(-1)^{1+2} \begin{vmatrix} 6 & 6 & 6 & 6 & 0 \\ 0 & 6 & -8 & 0 & 6 \\ 0 & 3 & 0 & 0 & 3 \end{vmatrix}$ $\quad 0+0+6 \quad 0-144+0 \quad \Big\rangle \cdot 144 \cdot 0 = 0$

$(-1)^{1+3} \begin{vmatrix} 6 & 3 & 6 & 6 & 3 \\ 0 & 0 & -8 & 0 & 0 \\ 0 & 9 & 6 & 0 & 9 \end{vmatrix}$ $\quad 0+0+6 \quad 0+(-432)+0 \quad \Big\rangle \cdot 432 \cdot 0 = 0$

$(-1)^{1+4} \begin{vmatrix} 6 & 3 & 6 & 6 & 3 \\ 6 & 6 & 6 & 0 & 0 \\ 0 & 9 & 3 & 0 & 9 \end{vmatrix}$ $\quad 0+0+0 \quad 0+324+0 \quad \Big\rangle +324 \cdot 3 = 972$

$(648)+(0)+(0)(+972) = 1.620$

$A(-1)^{2+2}$ $\begin{vmatrix} 3 & 0 & 3 \\ 0 & 6 & -8 \\ 0 & 3 & 0 \end{vmatrix}$ $\begin{matrix} 3 & 0 \\ 0 & 6 \\ 0 & 3 \end{matrix}$ $0 \quad -216$ $\rangle$ 216

$A(-1)^{4+1}$ $\begin{vmatrix} 0 & 0 & 3 \\ 3 & 0 & 0 \\ 0 & 6 & -8 \end{vmatrix}$ $\begin{matrix} 0 & 0 \\ 3 & 0 \\ 0 & 6 \end{matrix}$ $0+0+54$ $\rangle$ -54

$A(-1)^{3+4}$ $\begin{vmatrix} 3 & 0 & 0 \\ 0 & 3 & 0 \\ 0 & 3 & 3 \end{vmatrix}$ $\begin{matrix} 3 & 0 \\ 0 & 3 \\ 0 & 3 \end{matrix}$ $81+0+0$ $0+0+0$ $\rangle$ -81

-135

4.

$\det B^{-1} = \frac{1}{3,1}$

$72,25 \cdot \frac{1}{3,1} = 23,3$

$8,3 \cdot 3 = 25,5 \quad = 48,8$