Math 3280 Worksheet 17: Determinants, part II

Group members (2 to 4): _____

(1) Compute the determinant of
$$A = \begin{bmatrix} 8 & -4 & -6 & 4 \\ 2 & 6 & 0 & 4 \\ 6 & 0 & -2 & 4 \\ 4 & -2 & -2 & 2 \end{bmatrix}$$
using properties of determinants to simplify the calculation.