1) Find: $\mathbf{A} + 2\mathbf{B}$ for $\mathbf{A}$ and $\mathbf{B}$ given below. Show intermediate calculations.

$$\mathbf{A} = \begin{bmatrix} -1 & 0 & 2 \\ 1 & 2 & 2 \\ 0 & -1 & 1 \end{bmatrix} \qquad \mathbf{B} = \begin{bmatrix} 1 & 3 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{bmatrix}$$