Evaluating partial derivatives can be done in 4 steps:

1. **Eliminate the energy term using the differential expression for the energy**

2. **Rewrite the partial derivatives that are left into partial derivatives that are equal to $\beta, \kappa, c_p, c_v, \alpha$, using the Maxwell relations and/or the relations between partial derivatives**

3. **Put energies (u, h, a, g) into the numerator**

4. **Replace the isochoric pressure coefficient α and specific heat at constant volume c_v with their expression**

What is the correct order of steps?