Face it: you are now responsible for knowing enough organic chemistry that there can be many more correct answers to an open-ended question than can be written out. One way to develop the skills to “proofread” your own answers is to have critical conversations with others and decide, in an open discussion, whether your proposed answer is rational or has a problem in it.

Questions such as 12.11(a) are perfect for doing this activity. All we can do is encourage you to spend some group time presenting and really figuring out if (a) your answers are OK, and (b) answers other than the ones you wrote are OK.

The answer key contains a set of representative solutions.

It is not possible to make an exhaustive list of even the acceptable alternatives, never mind the nearly infinite set of unacceptable ones.

As the POD states, sorting through your ideas with others is really the only productively useful strategy here.