Problems marked “Styer” are from the “The Strange World of Quantum Mechanics”. Please give detailed answers (not just the final numerical value, if there is one) - see Styer’s discussion on page 11. Typically a few sentences will suffice.

1. Styer 4.1
2. Styer 4.3
3. Styer 4.4
4. Styer 4.5
5. Styer 4.9

6. Provide your own example of a question which is grammatically correct and which uses words that have well-known meanings, but for which there is no meaningful answer; Styer’s example is “What is the color of love?”. Does the existence of such an unanswerable question trouble you? Why or why not?