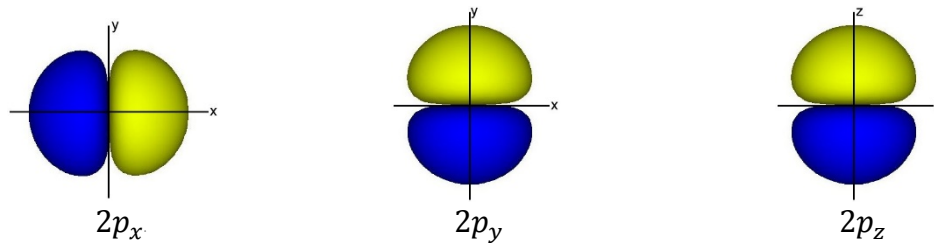


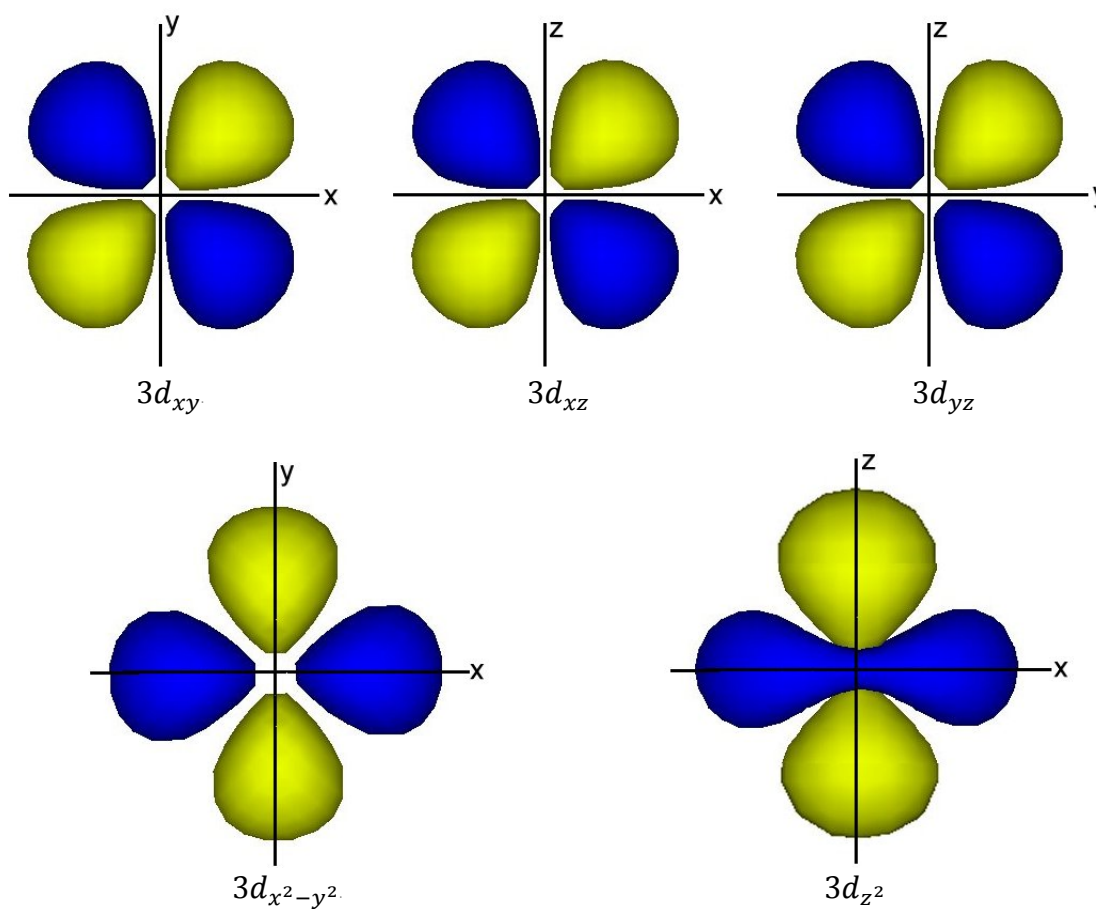
Answers to Exercise 4.3 Drawing Atomic Orbitals

1.

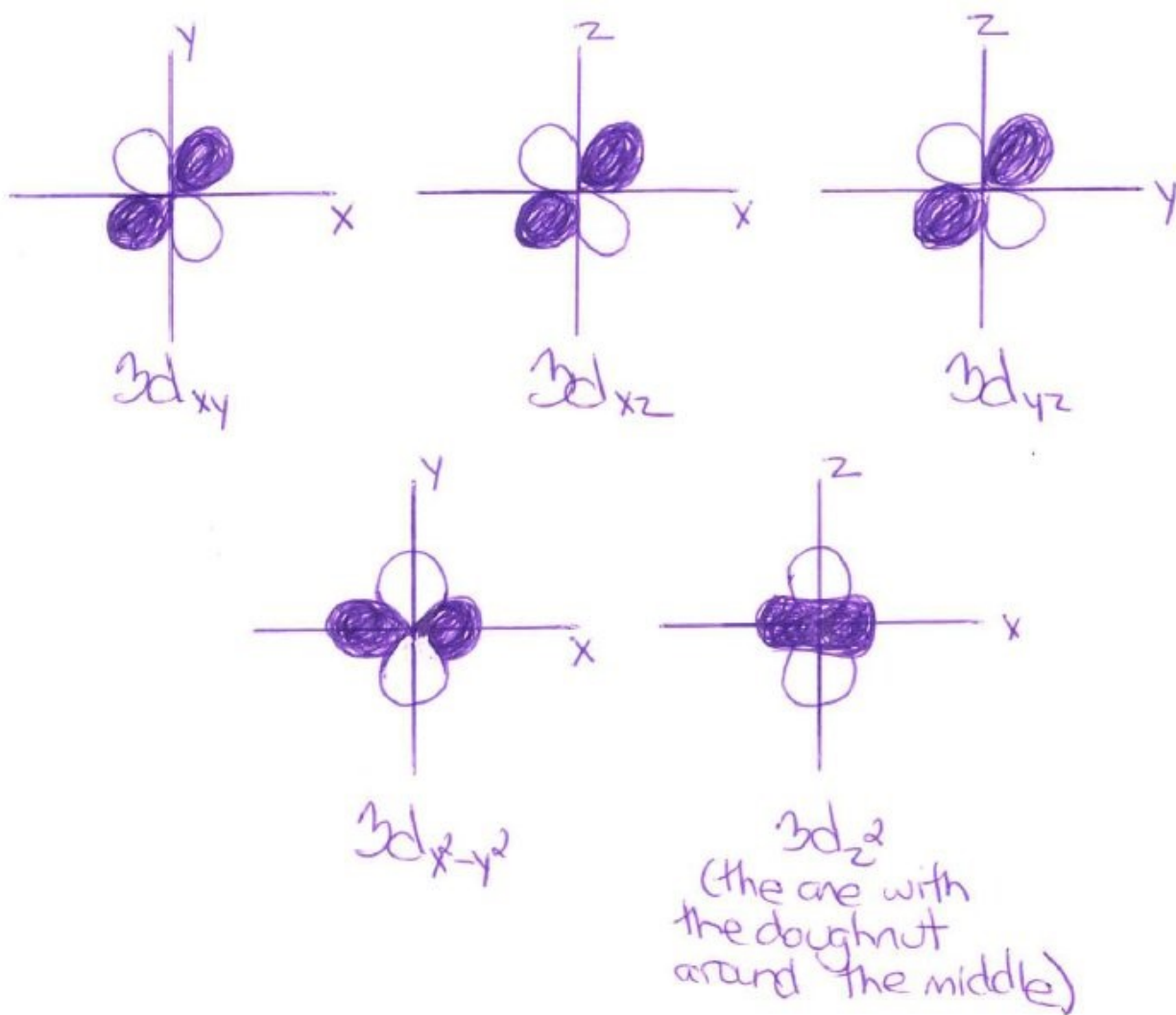


2.

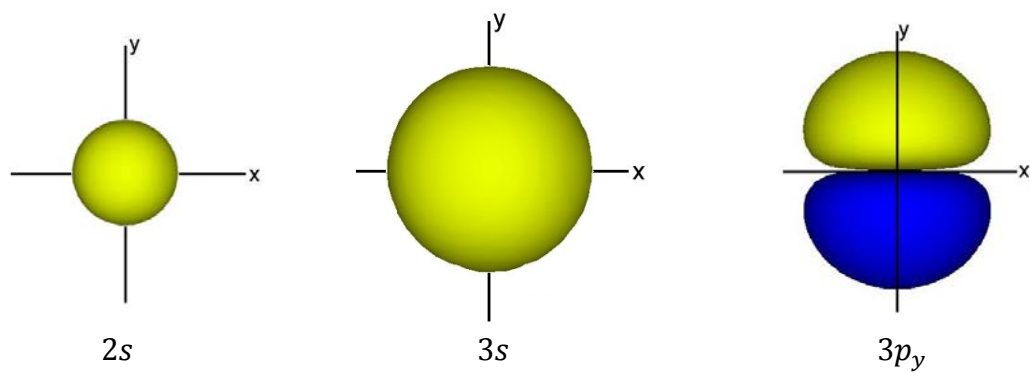
computer-generated images:



hand-drawn images:



3.



$2s$ should be noticeably smaller than $3s$ and $3p$. $3s$ and $3p$ should be approximately the same size.