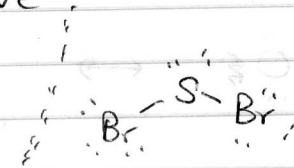
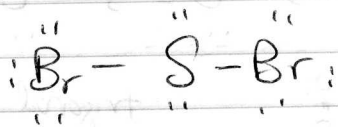
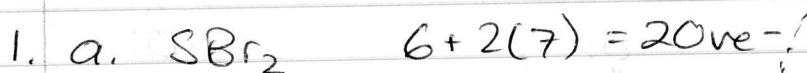
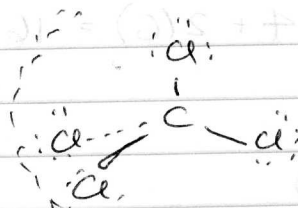
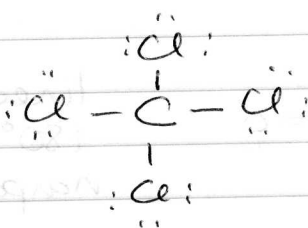


Chapter 10 Answers to Additional Problems

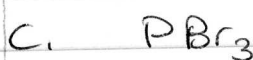
problem 3

bent
 $< 109.5^\circ$
polar

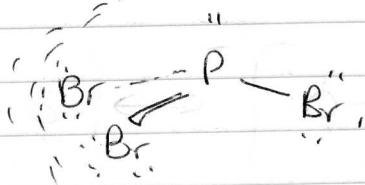
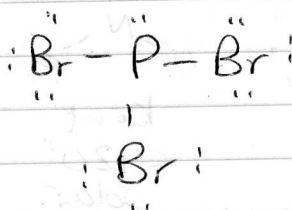
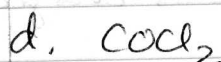
$4 + 4(7) = 32 \text{ ve}^-$

tetrahedral
 109.5°

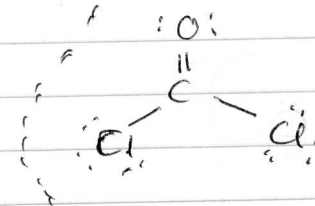
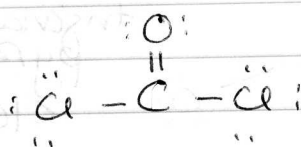
nonpolar



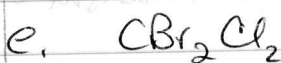
$5 + 3(7) = 26 \text{ ve}^-$

trigonal
pyramid
 $< 109.5^\circ$
polar

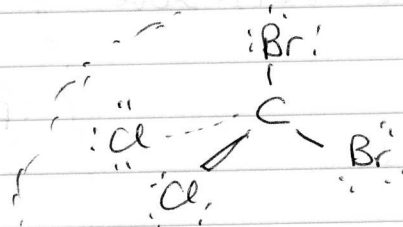
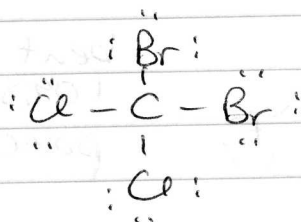
$4 + 6 + 2(7) = 24 \text{ ve}^-$

trigonal planar
 120°

polar



$4 + 2(7) + 2(7) = 32 \text{ ve}^-$



tetrahedral

 109.5°

polar

p. 2
1

