

Models for Chapter 3

Please prepare the following models. We will combine them in various ways during lecture to build larger molecules and learn about molecular shape.

Color code

C = black

H = small white balls

O = red

N = blue

X = green

Models to make

1) CH_3O (1 C bonded to 3 H's and 1 O)

2) CH_3CO (2 C bonded together; 1 of the C's is bonded to 3 H's and 1 of the C's is double bonded to an O)

3) CH_3 (1 C bonded to 3 H's)

4) HCN (This formula is a complete molecule.)

5) NH_2 (1 N bonded to 2 H's)

6) OH (1 O bonded to 1 H)