CONCEPT: SKELETAL FORMULA
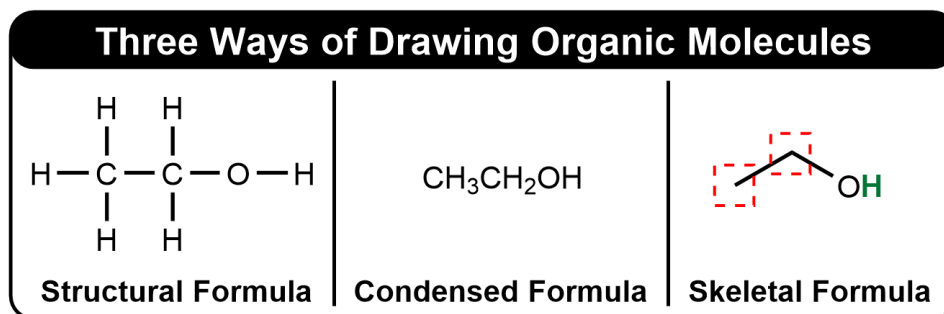
● This representation (aka _____ or _____ formula) is the fastest way of drawing complex organic structures.

Three Ways of Drawing Organic Molecules

Structural Formula | Condensed Formula | Skeletal Formula

CH₃CH₂OH

● C–C bonds are shown as _____ where every ¦ corner ¦ represents a _____ atom (w/ enough H atoms).

  □ C and H atoms are *not* shown but other atoms, such as ____, ____, and ____, are shown.

  □ **Exception**: ____ atoms, attached to atoms other than _____, are shown.

EXAMPLE: Determine the number of hydrogen atoms attached to each of the circled carbon atoms.
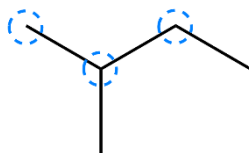
PRACTICE: Draw a skeletal formula for the following molecule: CH₃CH(CH₃)CH₂CH₂OH

PRACTICE: Convert the following skeletal formula into condensed and structural formulas.