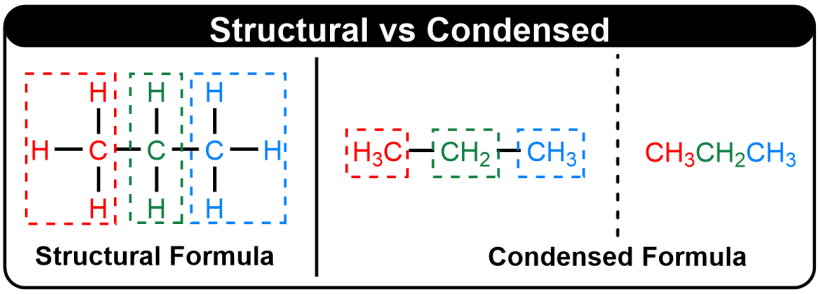
CONCEPT: CONDENSED FORMULA

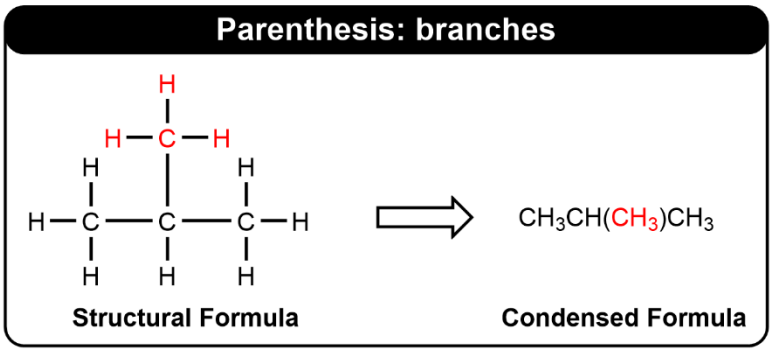
- Shows how the atoms in a compound are _____ without showing all the bonds.
  - □ Carbon and hydrogen atoms are _____ together in blocks (as CH_3, CH_2, CH).



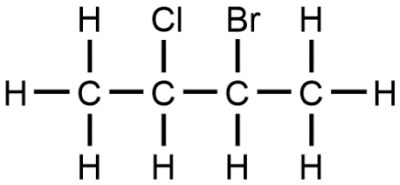
EXAMPLE: Draw a condensed formula for a compound with the following molecular formula: C_4H_{10}. (Hint: Arrange all C atoms in a row)

Parenthesis and Parenthesis w/ Subscripts

- Groups in ( ) are _____ (e.g. CH_3).

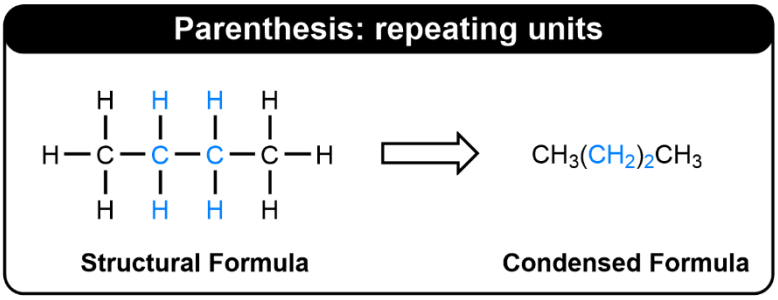


EXAMPLE: Write a condensed formula for the following compound:



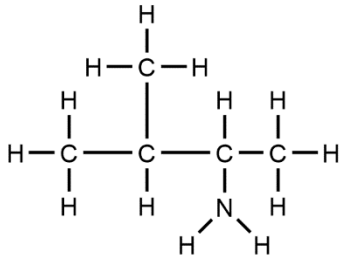
CONCEPT: CONDENSED FORMULA

- Parenthesis with subscript numbers indicate _____ (e.g. CH_2).



EXAMPLE: Draw a structure for the following condensed formula: $CH_3(CH_2)_3CH_3$

PRACTICE: Write a condensed formula for the given structure.



PRACTICE: Convert $CH_3(CH_2)_2CHBrCH_3$ into structural formula.