
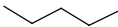


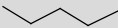
Organic formulas 2

Before you answer the puzzles below fill in the table of alkanes:

name	molecular formula	structural formula	skeletal formula
propane	C ₃ H ₈	CH ₃ CH ₂ CH ₃	
butane	C ₄ H ₁₀	CH ₃ CH ₂ CH ₂ CH ₃	
pentane			
hexane			

Gridlock 1

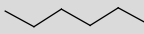
Each row, column and 2 x 2 box contains information about the four alkanes listed above. Use your problem solving skills and the answers in the table above to fill in the blank boxes.

name		molecular formula	
	propane		C ₆ H ₁₄
			C ₃ H ₈
CH ₃ CH ₂ CH ₂ CH ₃			
structural formula		skeletal formula	

gridlocks – can you unlock the grid?

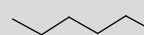
Gridlock 2

Each row, column and 2 x 2 box contains information about the four alkanes listed above.

name		molecular formula	
butane			C_3H_8
			
$CH_3(CH_2)_3CH_3$			
structural formula		skeletal formula	

Gridlock 3

Each row, column and 2 x 2 box contains information about the four alkanes listed above.

name		molecular formula	
butane			C_3H_8
	$CH_3(CH_2)_3CH_3$		
structural formula		skeletal formula	