

Empirical formula from molecular formula I

State the proper empirical formula for each of the following molecular formulas:

	Molecular Formula	Empirical Formula
1.	C_4H_{10}	_____
2.	C_8H_{18}	_____
3.	$C_2H_4Cl_2$	_____
4.	C_3H_8	_____
5.	$C_4H_8(OH)_2$	_____
6.	Si_2O_4	_____
7.	C_9H_{20}	_____
8.	C_6H_{12}	_____
9.	$C_8H_{14}Br_4$	_____
10.	C_5H_{12}	_____
11.	$C_6H_{10}O_2$	_____
12.	CH_4	_____

Empirical formula from molecular formula 2

State the proper empirical formula for each of the following molecular formulas:

	Molecular Formula	Empirical Formula
1.	C_3H_6	_____
2.	C_6H_{10}	_____
3.	H_2O	_____
4.	$C_6H_{12}O_6$	_____
5.	$C_7H_{13}OH$	_____
6.	N_2O_4	_____
7.	$C_{18}H_{32}O_{16}$	_____
8.	C_6H_{14}	_____
9.	$Na_2C_4H_8O_2$	_____
10.	C_8H_{15}	_____
11.	$C_{12}H_8N_2O_4$	_____
12.	C_2H_2	_____