3. Ca_3N_2 $[X_aY_b]$ $X = Ca$

$X_{\frac{3}{a}}Y_{\frac{2}{b}}$ $a = 3$ $b = 2$ $= 40.08\ g/mol$

$Y = N$

$a \times X \rightarrow 3 \times 40.08\ g$ $= 14.01\ g/mol$

$b \times Y \rightarrow 2 \times 14.01\ g$

$= 120.24g + 28.02g = 148.26\ g/mol$