

Glaze calculation exercises:

1. Determine the molecular weight of borax: $\text{Na}_2\text{O} \cdot 2\text{B}_2\text{O}_3 \cdot 10\text{H}_2\text{O}$

2. Determine the molecular weight of bone ash: $\text{Ca}_3(\text{PO}_4)_2$

3. Calculate the 100% recipe for this unity formula

RO, R ₂ O	R ₂ O ₃	RO ₂
.40 CaO .35 SrO .25 BaO 1.0 total	.25 Al ₂ O ₃	2.5 SiO ₂

4. Calculate the unity formula of the following glaze recipe:
 #32 Rhodes.
 feldspar 48.9
 China clay 25.1
 dolomite 22.4
 whiting 3.5
 99.9