Using:

$$a\_{1}B\_{1}^{n}=a\_{2}B\_{2}^{n}$$

If:

$$\frac{a\_{1}B\_{1}}{C\_{1}}=\frac{a\_{2}B\_{2}}{C\_{2}}$$

Determine an expression for *a1* in terms of *a2*, *C1*, *C2* and *n*.