**6**. [9 points]  Zunari wants to bake bread to sell in his store. However, he is not a baker, and despite knowing individual conversions, forgets how to put them all together. Here is what he knows:

- The weight of $f$ cups of flour is $K(f)$ kilograms.
- From $q$ kilograms of flour, he can make $D(q)$ kilograms of dough.
- $x$ kilograms of dough weigh $P(x)$ pounds.
- From $x$ kilograms of dough, he can make $L(x)$ loaves of bread.
- Selling $\ell$ loaves of bread, he collects a total of $C(\ell)$ dollars.

Formulas for each of the functions above are given in the following table. Assume the inputs for all functions in the table must be at least one.

| | |
|---|---|
| $K(f)$ | $0.14f$ |
| $D(q)$ | $3.5q - 1$ |
| $P(x)$ | $2.2x$ |
| $L(x)$ | $2x - 0.5$ |
| $C(\ell)$ | $4\ell + 2$ |

**a**. [2 points]  Suppose Zunari can make $H(f)$ loaves of bread from $f$ cups of flour, where $H(f)$ is a composition of the above functions. Express $H(f)$ as a composition of functions.

**b**. [3 points]  Find an explicit formula for $H(f)$.
(i.e. Your answer should not involve any of the letters $K, D, P, L, C$).

**c**. [4 points]  If $M = C(\ell)$, find an explicit formula for $C^{-1}(M)$.