$$\frac{1\ pound}{0.7\ gallons} = 1.4\ \frac{pounds}{gallon} \quad \textbf{or} \quad \frac{1.4\ pounds}{1\ gallon}x\frac{0.453\ kilograms}{1\ pound}x\frac{1 gallon}{378\ liters} = 0.17\frac{kilograms}{liter}$$