Converting Mass, Area and Volume

Independent Set 5.08

Name_____
Date_____
Period_____

Six questions, on your own, in silence. Show the step that does the work.

1. $1\,\text{lb} = 0.454\,\text{kg}$. How many kilograms is 30 lb?

2. $1\,\text{kg} = 2.204\,\text{lb}$. How many pounds is 25 kg?

3. $1\,\text{gal} = 3.785\,\text{L}$. How many liters is 6 gal?

4. $1\,\text{ft} = 12\,\text{in}$. How many square inches is $9\,\text{ft}^2$?

5. $1\,\text{c} = 8\,\text{fl oz}$ and $1\,\text{c} = 0.24\,\text{L}$. How many liters is 24 fl oz?

6. $1\,\text{ft} = 0.305\,\text{m}$. How many square meters is $30\,\text{ft}^2$? (Round to two places.)