Task:

A Euro is worth 1.24 US dollars. In Europe gas costs 2.06 Euros per liter. What is this cost of gas in US dollars per gallon?

Solution:

$€\,1 = \$\,1.24$

$gal = 3.79\,L$

Gas price: $\dfrac{€\,2.06}{L} = \dfrac{\$\,2.06 \cdot 1.24}{\dfrac{gal}{3.79}} = \dfrac{\$\,2.06 \cdot 1.24 \cdot 3.79}{gal} = \dfrac{\$\,9.6812}{gal}$

Answer:

Gas price: $\dfrac{\$\,9.6812}{gal}$