

EX 2:

Use conversions to answer these questions. Assume 1€ (1 euro) = $\$1.30$.

- a) Bottled water costs 1.75€ per liter in Paris. What is that in dollars per quart?
($1\text{qt} = 0.946$ liters.)
- b) As you leave Paris, you convert 4500 euros to dollars. How many dollars do you receive?

EX 3:

Amazon's Kindle 2 has a capacity of 1.4 gigabytes (1.4 billion bytes). Assume that one byte corresponds to one character and an average page consists of 2000 characters.

a) How many pages of text can a Kindle hold?

b) How many 500 -page books can a kindle hold?