Buying electricity

This task is about adding and multiplying whole numbers and decimals.

For businesses the prices for electricity in the **city** are:

Day rate: 8.0 cents per unit of electricity

Night rate: 6.3 cents per unit of electricity

   A business in the city used 1 500 units at the day rate, plus 1 000 units at the night rate.
a) What will the cost of electricity be for ...

   i)   their **day** use? $ _____ . ____

   ii)   their **night** use? $ _____ . ____

   iii)   **both** their day and night use together? $ _____ . ____

The prices for electricity for businesses in the **country** are:

Day rate: 9.0 cents per unit of electricity

Night rate: 6.5 cents per unit of electricity

   A farm used 2 000 units at the day rate, plus 900 units at the night rate.
b)
   What will this cost them in **total**? $ _____ . ____