Unit Rates Extended

1. Joanna needs to buy some chocolate covered almonds. She sees a 1.3 kg bag for $10.49.
   In the bulk section of the store, she sees them for $0.98 for 100 g. What is the better
   deal?

   Convert kg to grams.
   1.3 kg × 1000 g/kg = 1 300 g

   Write the new 1.3 kg bag price in price/1 300 g.
   $10.49/1 300 g

   *For comparison purposes, the bulk weight can be multiplied by 13 to get the
   same weight in grams.*
   100 g × 13 = 1 300 g

   Multiply the bulk price by 13 to get the new bulk price in price/1 300 g.
   $0.98 × 13 = $12.74
   $12.74/1 300 g

   Based on pricing alone, purchasing the 1.3 kg bag is the better deal.
   However, the amount purchased may also depend on how much she needs.