Unit 1 Bonus Sheet 1 Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Joel is a salesperson in a department store that sells T-shirts individually and in packages of two or three. One T-shirt sells for $9.98, a package of two sells for $15.49, and a package of three sells for $22.99
   1. Find the unit price when T-shirts are sold in a package of two. How much is the unit price in a package of three?
   2. Suppose a customer wants to buy seven T-shirts. Which combination of packages will be the least expensive?
2. The meat department at a large supermarket sells boneless steaks at the following prices: $7.50 for 500 g; $12.50 for 1 kg; and $19.50 for 1.5 kg.
   1. Which of these packages has the lowest unit price?
   2. If a customer needs 2.5 kg, which combination of packages should he or she buy to get the best price but not have leftover meat?
3. 6. A different store sells boneless steaks for the following prices: $4.25 for 250 g; $7.95 for 500 g; and $29.50 for 2 kg.
   1. Which of these packages has the lowest unit price?
   2. How do these prices compare to those in question 5?