

Name: ..... Class: .....

## Unit prices with fractions and decimals

1. Alex buys  $6\frac{1}{2}$  bags of apples. How much will he spend?

prices of fruits per bag	
oranges	\$ 2.5 /bag
grapes	\$ 2 /bag
apples	\$ 2.5 /bag
watermelon	\$ 3 /bag

2. Matino buys 3.5 pounds of beef. How much money will he spend?

prices of meat per pound	
pork meat	\$ 5.94 /pound
beef	\$ 7.58 /pound
goat meat	\$ 7 /pound
bufallo	\$ 12.99 /pound

3. What is the total cost of 2.5 liters of olive oil?

prices of types of cooking oil	
olive oil	\$ 4.00 /liter
coconut oil	\$ 4.5 /liter
sun flower oil	\$ 4.50 /liter
groundnut oil	\$ 4.00 /liter

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prices of fruits per bag	
oranges	\$ 2.5 /bag
grapes	\$ 2 /bag
apples	\$ 2.5 /bag
watermelon	\$ 3 /bag

the price of apple from the table = \$ 2.5 per bag  
 multiply the price per bag by the total number of bags

$$\begin{aligned} \text{total number of bags} &= 6\frac{1}{2} = \$ 2.5 \times 6\frac{1}{2} \\ &= \$ 2.5 \times \frac{(6 \times 2) + 1}{2} \\ &= \frac{\$ 2.5 \times 13}{2} = \$ 16.25 \end{aligned}$$

Therefore, Alex will spend \$ 16.25 to buy  $6\frac{1}{2}$  bags of apples

2. Matino buys 3.5 pounds of beef. How much money will he spend?

prices of meat per pound	
pork meat	\$ 5.94 /pound
beef	\$ 7.58 /pound
goat meat	\$ 7 /pound
bufallo	\$ 12.99 /pound

the unit price beef from the table = \$ 7.58 per pound  
 multiply the price per pound by the total quantity

$$= 7.58 \times 3.5 = \$ 26.53$$

Therefore, he will spend \$ 26.53

3. What is the total cost of 2.5 liters of olive oil?

prices of types of cooking oil	
olive oil	\$ 4.00 /liter
coconut oil	\$ 4.5 /liter
sun flower oil	\$ 4.50 /liter
groundnut oil	\$ 4.00 /liter

the unit price olive oil from the table = \$ 4.00 per liter  
 multiply the price per liter by the total number of liters of olive oil

$$= 4.00 \times 2.5 = \$ 10$$

Therefore, the total cost of 2.5 liters of olive oil is \$ 10