

### Conversion Word Problems

Ex 1: We want to buy some cabbage, which sells for \$0.69 a pound.

a) If we want 3 pounds of cabbage, how much will it cost?

b) If we want 1.3 pounds of cabbage, how much will it cost?

c) If we want to buy a single head of cabbage, which weighs 12 ounces, how much will the head of cabbage cost?

Ex 2: Let's say we want to buy 350 grams (g) of our favorite cheese. The cheese costs \$8.99 per kilogram (kg). How much are we going to pay for the cheese?

a) We need to know the weight of the cheese in kilograms because that's how it is sold.

Conversion factor: \_\_\_\_ kg = \_\_\_\_ g

b) The cost is \$8.99/kg. How do we find the cost of the cheese we want?

Ex 3: We need to buy some ribbon that costs \$1.45 per meter. We need 1 meter and 75 cm of blue ribbon, and 2 m and 55 cm of white ribbon. How much is it going to cost for both?

a) Since the ribbon is being sold by the meter, we need to find how many total meters we're buying.

Conversion factor: \_\_\_\_ cm = \_\_\_\_ m

b) The ribbon is \$1.45 per meter. How do we figure out our cost?