

NOV 20/08

UNIT COSTS

$$\text{UNIT COST} = \frac{\text{PRICE OF ITEM}}{\text{NUMBER OF UNITS OF THE ITEM}}$$

Ex. WHICH IS CHEAPER (UNIT COST)

2L BOTTLE FOR \$2.19

500 ml BOTTLE FOR \$.99

24 - 355 ml CANS FOR \$10.75

$$2L = \frac{2.19}{2} = \$1.095/L$$

$$500ml = .99 \times 2 = \$1.98/L$$

$$24-355ml = \frac{10.75}{(24 \times 355 \div 1000)} = \$1.2617/L$$

FOREIGN EXCHANGE

Ex. THE VALUE OF A CDN DOLLAR IN TERMS OF THE US DOLLAR IS GIVEN TO BE 65.5¢.

a) IF YOU EXCHANGE 450 CAD FOR USD, HOW MUCH WOULD YOU RECEIVE?

$$450 \times .655 = 294.75 \text{ USD}$$

b) IF YOU HAVE 500 USD, WHAT IS THE CORRESPONDING CAD AMOUNT?

$$500 \div .655 = 763.36 \text{ CAD}$$

Ex #40 OMIT #7,8