

NOV 20/07

UNIT COSTS

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

Eg. WHICH IS CHEAPER (UNIT COST)

2 L BOTTLE FOR \$2.19  
 500 ml BOTTLE FOR \$.99  
 24 - 355 ml CANS FOR \$10.75

2L  $\frac{2.19}{2} = \$1.095$  PER LITRE

500ml  $\$.99 \times 2 = \$1.98$  PER LITRE

24  $\frac{\$10.75}{(24 \times 355 \div 1000)} = \$1.2617$  PER LITRE

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FOREIGN EXCHANGE

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

a) IF YOU EXCHANGE \$450 FOR AMERICAN DOLLARS, HOW MUCH WOULD YOU RECEIVE?

$$\$450 \times .655 = \$294.75$$

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

$$\frac{500}{.655} = \$763.36$$

EX #40 OMIT #7

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