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

Multiply money: Word problems

a. If one cupcake cost $1.50, How much would it cost to buy 30 cupcakes?

b. Amina bought 50 apples at the rate of $2.5 each to go and retail in her shop. How much did she spend in total?

c. Synthia buys 9 baskets of grapes to share with her cousins. Each basket has 4 bunches of grapes. If each basket cost $2. 25, how much did synthia spend on grapes?

d. The cost of a novel Lucy wants to buy is $25.25. If 6 of her friends are interested in the same novel she wants to buy, how much money will she spends if she intends to buy the novel for her friends too?

e. If Amora's income per month is $2,563, how much is her:-

a. Yearly income?
b. Two years' income?
c. Five years' income?

f. Brandon earns $11.99 working as a lawn mower. How much will he earn if he works for :

a. Five hours?
b. 12 hours per day?
c. A month on 12 hours per day?
d. Year on 12 hours per day?
e. A year of 5 hours per day?

g. If a kilogram of apples costs $5.56, how much does a bag filled with apples weighing 7,895 kilograms cost?

h. Today, Rita bought 15 yards of fabrics with one yard costing $145.00. Find the cost of the 15 yards of fabrics.

i. Alice installed four new doors in her newly constructed house. If each door costs $123.99, how much did she spend on installing the doors?

Solution

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

Multiply money: Word problems

a. If one cupcake cost $1.50, How much would it cost to buy 30 cupcakes?

Cost of one cupcake = $1.50.

Therefore, multiply $ 1.50 by 30 cupcakes to get the cost of the 30 cupcakes.

$$\begin{array}{r} \$1.50 \\ \times \quad 30 \\ \hline 0.00 \\ +\ 45.00 \\ \hline 45.00 \end{array}$$

So, it will cost $45. 00 to buy 30 cupcakes.

b. Hence, she spent a total of $125.0.

c. Therefore, she spent a total amount of $81.

d. $25.25 x 6 = $151.5.

e.
a. $2,563 x 12 = $30,756.
b. $30,756 x 2 = $61,512.
c. $30,756 x 5 = $153,780.

f.
a. $11.99 x 5 = $59.95.
b. $11.99 x 12 = $143.88.
c. $143.88 x 30 = $4,316.4.
d. $4,316.4 x 12 = $51,796.8.
e. $59.95 x 365 = $21,881.75.

g. 7,895 x $5.56 = $43,896.2.

h. $145.00 x 15 = $2,175.

i. $123.99 x 4 = $495.96.