

MULTIPLICATION WORD PROBLEMS

1. Bennet saves \$.75 from his lunch money everyday. If he saves for 12 weeks how much money will he have?

$$0.75(\text{amount saved per week}) \times 12(\text{\#of weeks}) = \$9$$

If Bennet saves for 12 weeks he will have \$9.

2. Mr. Hansen buys a cupcake for each student in his class for the class party. Each cupcake costs \$1.25. However there is a discount where each batch of 10 cupcakes are only \$1. He buys 34 cupcakes. How much did Mr. Hanson pay for all 34 cupcakes?

30 cupcakes will be in the discount price of \$1

4 cupcakes will be at the standard price of \$1.25

$$30(\text{discount cupcakes}) \times \$1(\text{discount cost per cupcake}) = \$30$$

$$4(\text{regular cupcakes}) \times \$1.25(\text{regular cost per cupcake}) = \$5$$

$$\$30(\text{total cost of discount cupcakes}) + 5(\text{total cost of regular cupcakes}) = \$35$$

Mr. Hanson paid \$35 for all 34 cupcakes.

3. Emi buys 15 baskets of strawberries to share with her class. Each basket has 12 strawberries. How many strawberries does she have to share with the class?

$$15(\text{\#of strawberry baskets}) \times 12(\text{\#of strawberries per basket}) = 180$$

Emi has 180 strawberries to share with the class.

Each basket costs \$ 2.25. How much did Emi spend on strawberries?

$$15(\text{\#of strawberry baskets}) \times \$2.25(\text{cost per basket}) = 33.75$$

Emi spent \$33.75 on strawberries.

4. Timothy mows his neighbor's lawn for \$6.50 per week. He continues to do this for 37 weeks until winter. In winter he shovels snow off their lawn for \$10.25 per week for 25 weeks. How much money did Timothy earn in total?

$$\$6.50(\text{cost per week for mowing}) \times 37(\text{\#of weeks of mowing}) = \$240.50$$

$$\$10.25(\text{cost per week for shoveling}) \times 25(\text{\#of weeks of shoveling}) = \$256.25$$

$$\$240.50(\text{total cost of mowing}) + 256.25(\text{total cost of shoveling}) = \$496.75$$

Timothy earned a total of \$496.75.

5. Clara buys a cake(\$25), 25 cupcakes (\$.75/ea) and 42 cookies (\$.50/ea) for her birthday party. How much did Clara spend for all these desserts?

$$25(\text{\#of cupcakes}) \times \$0.75(\text{cost per cupcake}) = \$18.75$$

$$42(\text{\#of cookies}) \times \$0.50(\text{cost of cookies}) = \$21$$

$$\$25(\text{cost of 1 cake}) + \$18.75(\text{cost of 25 cupcakes}) + \$21(\text{cost of 42 cookies}) = \$64.75$$

Clara spent \$64.75 for all these desserts.