

Name: Class:

Multiply by 2-digit numbers: word problems

- a. Yesterday, Mineva went to the market and bought 12 baskets of apples. If there were 25 apples in one basket, How many apples did Mineva buy in all?
- b. Mrs. Brown is a baker in a famous bakery. She bakes 50 baskets of cupcakes per week. In each basket, there are 10 cupcakes.
How many cupcakes does Mrs. Brown bake per week.
- c. Clair printed 57 copies of her latest novel. Each copy contains 95 pages. How many pages of the novel were printed in all?
- d. Mr. Smith owns a dairy farm that produces 87 gallons of milk per day.
How many gallons of milk will it produce in 27 days?
- e. There are 895 mangoes on a tree. How many mangoes are there in 89 mango trees assuming that all the mango trees have the same number of mangoes?
- f. The annual average tuition in most US private high schools is \$15,083. How much money will a high school of 85 students make annually?
- g. Mr. Davis is a blacksmith. Yesterday, he received a contract to make 526 exotic swords for the military. If he charges \$85 per sword, how much is the contract worth?
- h. Last year, Avery sold 78,253 set of bone china dinnerware. If there were 57 pieces per set, how many pieces of bone china dinnerware did she sell?
- i. I have a target of reading 25 books over the summer vacation. If each book has a total of 875 pages, how many pages do I have to read all together?
- j. Mr. Lee owns a travel agency. If all his sixty five 70-seater buses go on a full load trip every day, how many passengers are recorded in the agency's archives per day?

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- a. Yesterday, Mineva went to the market and bought 12 baskets of apples. If there were 25 apples in one basket, How many apples did Mineva buy in all?

To solve this problem, Let's multiply 25 by 12 to find the total number of apples Mineva bought.

$$25 \text{ apples} \times 12 = 300 \text{ apples.}$$

So, Mineva bought 300 apples.

- b. So, Mrs. brown bakes 500 cakes per week.

- c. So, 5,415 pages of the novel were printed.

- d. So, 2,349 gallons of milk will be produced in 27 days.

- e. So, there are 79,655 mangoes in 89 mango trees.

- f. So, a high school of 85 students will make \$1,282,055 annually.

- g. So, the contract is worth \$44,710.

- h. So, she sold 4,460,421 pieces of bone china dinnerware.

- i. So, I have to read 21,875 pages all together.

- j. So, 4,550 passengers are recorded in the agency's archives per day.