

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

Multiplying by Two-Digit Word Problems

a.

Mr. Noah owns a travel agency.

If all his thirty three 60-seater buses go on a full load trip every day, how many passengers are recorded in the agency's archives per day?

b.

The annual average tuition in most US private high schools is €34,283.

How much money will 71 high school students bring in each year?

c.

I have a target of reading 56 comics book over the summer vacation.

If each book has a total of 913 pages, how many pages do I have to read all together?

d.

There are 813 mangoes on a tree.

How many mangoes are there in 31 mango trees assuming that all the mango trees have the same number of mangoes?

e.

An employee earns \$853 a week.

How much money will he make in 64 weeks?

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Multiplying by Two-Digit Word Problems

a. Number of 60-seater buses he owns = 33,

Number of passengers per day = 60.

Therefore, number of passengers recorded in the agency's archives per day =  
number of 60-seater buses he owns  $\times$  number of passengers per day.

$$60 \times 33 = ?$$

Let's multiply  $60 \times 33$

How do you multiply numbers ending with zeroes?

First multiply numbers without zeroes:

Then, count numbers of 0 and add it to the result

$$60 \times 33 = 1980$$

1,980 passengers are recorded in the agency's archives per day.

b. A high school of 71 students will make €2,434,093 annually.

c. I have to read 51,128 pages all together.

d. There are 25,203 mangoes in 31 mango trees.

e. He will earn 54,592 in 64 weeks.