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?
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 × number of passengers per day.
   
   \[ 60 \times 33 = ? \]
   
   Let’s multiply 60 × 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.