

Name: Class:

Multiplying A Larger Number By Two Digits Numbers Word Problems

a.

Last year, Avery sold 60,464 sets of bone china dinnerware. If there were 60 pieces per set, how many pieces of bone china dinnerware did she sell?

b.

Today, Jade sold 811 dozen boxes of eggs.

How many eggs did she sell in all?

c.

There are 665 oranges per box.

How many oranges are there in 93 boxes?

d.

How many hours are there in a year?

e.

Gianna picked 14 times as many rice grains as Madelyn. Arthur, their very smart brother picked 14 times as many rice grains as Gianna.

If Madelyn picked 4,552,687 rice grains, how many rice grains did Gianna picked?

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- a. Number of bone china dinnerware sets that she sold = 60,464
 Number of pieces per set = 60
 Therefore, number of pieces of bone china dinnerware she sold =
 number of bone china dinnerware sets that she sold × number of pieces per set
 $60464 \times 60 = ?$
 Let's multiply $60,464 \times 60$
 How do you multiply numbers ending with zeroes?
 First multiply numbers without zeroes:

$$\begin{array}{r} 60464 \\ \times \quad 6 \\ \hline 362784 \end{array}$$

Then, count numbers of 0 and add it to the result
 $60,464 \times 60 = 3627840$

She sold 3,627,840 pieces of bone china dinnerware.

- b. She sold 9,732 eggs in all.

- c. There are 61,845 oranges in 93 boxes.

- d. There are 8,760 hours in a year.

- e. Gianna picked 63,737,618.