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

Divide 2-digit and 3-digit numbers by 2-digit numbers: word problems

a. A language school has **525** German learners in **15** branches. If the school accept an equal number of learners in each branch, how many German learners will be in each branch?

b. Mary went to a bookshop to buy textbooks for her children. The cost of each textbook was **$17**. If she had **$755**, how many textbooks did she buy and how much money remained?

c. John's company has choosen him to attend a conference in Canada. After the conference, they attended a dinner party at a restaurant. There were **317** people at the dinner party. How many tables were needed at the restaurant if **12** people were seated on each table

d. Yesterday, I and my eleven cousins went to my dad's orchard to pick some fruits. We picked 262 oranges, 140 peaches, 321 apples, 100 strawberries, and 100 blueberries and 37 pears. How many fruits did each person get if we agreed to share the fruits equally?

e. Yesterday, grade 4 pupils were divided into 18 teams in preparation for an upcoming science fair. If the class consist of 63 girls and 27 boys, how many pupils are there per team?

f. This summer, Peter is reading a horror novel with 450 pages. If he is reading the same number of pages per day, how many pages would he have to read in a day to complete the novel in a month?

g. Angela has 185 rose flowers of 37 different kinds. What is the number of damask rose flowers if she has the same number of different kinds of rose flowers?

h. Miss Gina is a baker. Yesterday, she bought 90 grams of oats. She divided it equally into 15 containers. Find the quantity of oats in each container?

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a. A language school has **525** German learners in **15** branches. If the school accept an equal number of learners in each branch, how many German learners will be in each branch?

To easily solve this, let's divide the total number of German learners by the number of branches.

525 ÷ 15

$$\begin{array}{r|l} & 35 \\ 15 & 525 \\ & -45 \\ & 75 \\ & -75 \\ & 0 \end{array}$$

So, there will be 35 German learners in each branch.

b. So, she can by 44 textbooks and she will be left with $7.

c. We have 26 tables and 5 people left. So, 1 extra table will be needed for the 5 people without seats.

d. So, each person got 80 fruits.

e. So, there are 5 pupils per team.

f. So, he would have to read 15 pages of the novel per day.

g. So, she has 5 damask rose flowers.

h. So, there is 6 grams of oats in each container.