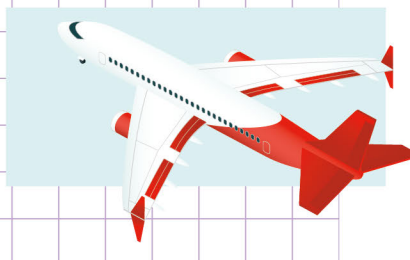
Name: ..... Class: .....

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



Solution

mathskills4kids

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?

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

525 ÷ 15

```
     35
15 | 525
   - 45↓
     75
   - 75
      0
```

So, there will be 35 German learners 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?

To easily solve this, let's divide the total amount of money by the cost of each textbook

$ 755 ÷ $ 17

```
     44
17 | 755
   - 68↓
     75
   - 68
      7
```

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

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

317 ÷ 12

```
     26
12 | 317
   - 24↓
     77
   - 72
      5
```

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