Name: .... Class: ....
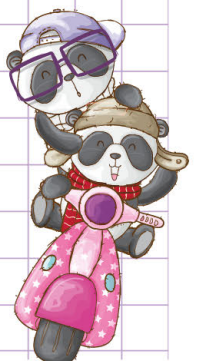
Divide 2-digit numbers 1-digit numbers: word problems

1. Barbra made 98 biscuits. She needs to place these bescuits in a number of boxes. If each box can take a maxium of 5 biscuits, how many boxes will she need?

2. A group of 82 students plans to go on a field trip. If they hire cars that can only take 8 people, how many cars will they need to hire?

3. Paula bought 81 tomatoes plants to plant in her farm. Yesterday, her sister, Li plant the same number of tomatoes plants in her 3 small farms. How many tomatoe plants did she plants in each farm?

mathskills4kids

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

Divide 2-digit numbers by 1-digit numbers: word problems

1. Barbra baked 98 biscuits. She needs to place these bescuits in a number of boxes. If each box can take a maxium of 5 biscuits, how many boxes will she need?

To find the number of boxes Barbra will need,

Let's divide 98 by 5

```
      19
  5 | 98
    - 5
      48
    - 45
       3
```

She will need 19 boxes but since we have a remainder of 3, she will need another one extra box to put in the 3 remaining biscuits.

So, the number of boxes Barbra will need is 19 + 1 = 20 boxes

2. A group of 82 students plan to go on a field trip. If the cars they intend to hire can only take 8 people, how many cars will they need to hire?

To find the number of cars they will need to hire,

let's divide 82 by 8

```
      10
  8 | 82
    - 8
      02
    - 0
       2
```

They will need 10 cars but since we have a remainder of 2, they will need one extra car for the 2 remaining people.

So, they number of cars they will need to hire is 10 + 1 = 11 cars.

3. Paula bought 81 tomato plants to plant in her farm. Yesterday, her sister, Li planted the same number of tomatoes plants in her 3 small farms. How many tomatoe plants did she plants in each farm?

To find the number of tomatoe plants Li planted in each farm,

let's divide 81 by 3

```
      27
  3 | 81
    - 6
      21
    - 21
       0
```

So, Li planted 27 tomatoes plants in each farm