

Name: Class:

Divide 2-digit numbers by 1-digit numbers: interpret remainders

1. Raphael is a good baker. Yesterday, he baked 98 cookies and put them in boxes for his daughter's birthday party. Each box held 8 cookies. How many boxes did he use and how many cookies were left over?



2. The pupils in matt's class were divided into 6 equal teams for a game. If the class comprises of 59 pupils, how many pupils were there in each team. how many pupils were left without a team.

3. Anthony works in a toy manufacturing company. He needs to pack 93 toys in equal numbers in 4 cartons. How many toys can be packed in each carton. How many toys will remain unpacked after he has arranged them equally ?

To solve this problem, we need to divide 93 by 4



Name: Class:

Divide 2-digit numbers by 1-digit numbers: interpret remainders

1. Raphael is a good baker. Yesterday, he baked 98 cookies and put them in boxes for his daughter's birthday party. Each box held 8 cookies. How many boxes did he use and how many cookies were left over?

To solve this problem, we have to divide 98 by 8

$$\begin{array}{r}
 12 \\
 8 \overline{) 98} \\
 \underline{- 8} \\
 18 \\
 \underline{- 16} \\
 2 \quad \leftarrow \text{Remainder}
 \end{array}$$



So, he used 12 boxes and 2 cookies were left.

2. The pupils in matt's class were divided into 6 equal teams for a game. If the class comprises of 59 pupils, how many pupils were there in each team. how many pupils were left without a team.

To solve this problem, we need to divide 59 by 6

$$\begin{array}{r}
 9 \\
 6 \overline{) 59} \\
 \underline{- 54} \\
 5 \quad \leftarrow \text{Remainder}
 \end{array}$$

So, there were 9 pupils in each team and 5 pupils without a team.

3. Anthony works in a toy manufacturing company. He needs to pack 93 toys in equal numbers in 4 cartons. How many toys can be packed in each carton. How many toys will remain unpacked after he has arranged them equally ?

To solve this problem, we need to divide 93 by 4

$$\begin{array}{r}
 23 \\
 4 \overline{) 93} \\
 \underline{- 8} \\
 13 \\
 \underline{- 12} \\
 1 \quad \leftarrow \text{Remainder}
 \end{array}$$

Therefore, 23 toys can be packed in each carton and 1 toy will remain unpacked.

