7 Division



Let's Learn!

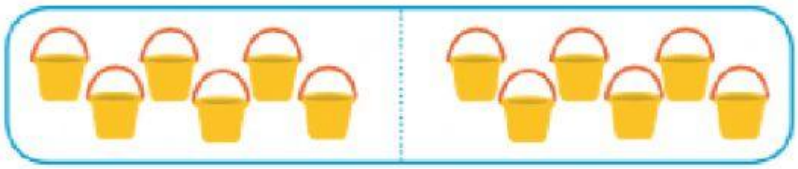
Quotient and Remainder

1 Siti and Annissa had 12 pails.
They divided the pails equally between themselves.

a How many pails did each girl receive?

b How many pails were left?

a $12 \div 2 = ?$



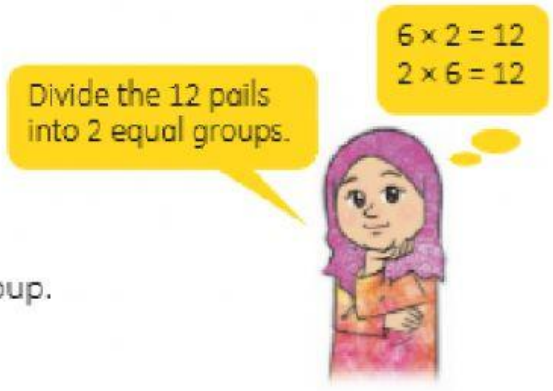
From above, $12 \div 2 = 6$.

We can use the following format called **long division** to carry out our calculations.

$$\begin{array}{r} 6 \\ 2\overline{)12} \\ \underline{12} \\ 0 \end{array}$$

6 ← Quotient

0 ← Remainder



Quotient = 6
There are 6 pails in each group.
Each girl received 6 pails.

b Remainder = 0
So, there were no pails left.

LIVEWORKSHEETS

2 Sarah, Yati, Azwan and Zainal had 11 seashells.
They shared the seashells equally among themselves.



a How many seashells did each child receive?

b How many seashells were left?

a $11 \div 4 = ?$



Divide the 11 seashells into 4 equal groups.

$$4\overline{)11}$$

2 ← Quotient

8

3 ← Remainder

$4 \times 2 = 8$
8 is smaller than 11.

$4 \times 3 = 12$
12 is greater than 11.

Choose 2 as the quotient.



$11 \div 4$ = 2 in each group with remainder 3
= 2 R3
Quotient = 2
Remainder = 3

Each child received 2 seashells.

b 3 seashells were left.

LIVEWORKSHEETS

3 3 children shared 17 starfish equally among themselves.

a How many starfish did each child receive?

b How many starfish were left?

a $17 \div 3 = ?$



$$3\overline{)17}$$

$3 \times 5 = 15$
15 is smaller than 17.

$3 \times 6 = 18$
18 is greater than 17.

Choose 5 as the quotient.



$17 \div 3$ = ____ in each group with remainder ____

= ____ R ____

Quotient = ____

Remainder = ____

Each child received ____ starfish.

https://www.liveworksheets.com/go131974kt

LIVEWORKSHEETS