

Ch: 12 (Can We Share?)

- **Divide by 10 , 100 , and 1000**
- **Division facts**
- **Division in groups**

Divide by 10, 100, 1000 : (Divide mentally)

☆ $123 \div 10$

Sol: $123 \div 10$

Quotient = 12

Remainder = 3

☆ $345 \div 100$

Sol: $345 \div 100$

Quotient = 3

Remainder = 45

- count the zeroes and take the numbers from right to left as remainder

Division facts:

$$3 \times 9 = 27$$


$$27 \div 3 = 9$$

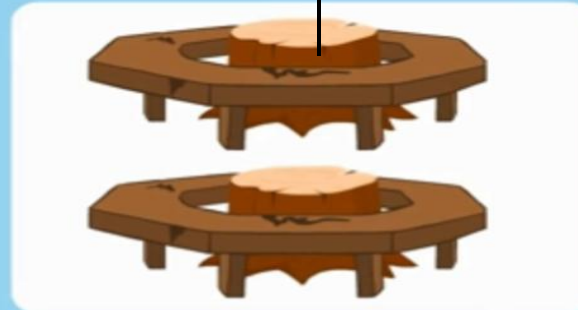
$$27 \div 9 = 3$$

We will learn how to divide the things in equal groups :

Total no of things

No. of groups

**No. of things
in each group**



**10
Rabbits**



**2
Groups**



**5
Rabbits
(Each group)**

Ws : 43

1. Divide mentally:

a) $235 \div 10$

b) $1267 \div 100$

c) $5670 \div 1000$

2. Write the division facts:

$6 \times 4 = 24$

3. Answer the following:



Total no. of 😊?

Total no. of groups ?

No. of smiles in each group ?

Division statement: \div =

Ws : 43 (Check your answers)

1. Divide mentally:

a) $235 \div 10$ $Q = 23$; $R = 5$

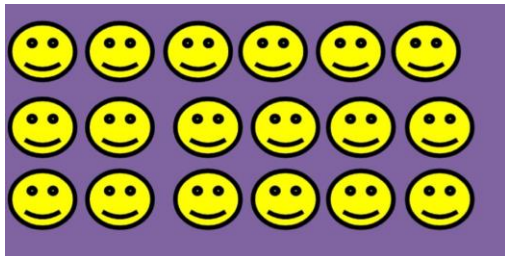
b) $1267 \div 100$ $Q = 12$; $R = 67$

c) $5670 \div 1000$ $Q = 5$; $R = 670$

2. Write the division facts:

$6 \times 4 = 24$ i) $24 \div 4 = 6$; ii) $24 \div 6 = 4$

3. Answer the following:



Total no. of 😊? 18

Total no. of groups ? 3

No. of smiles in each group ? 6

Division statement: ...18... ÷ ...3.... = ...6.

WS 42(CHECK YOUR ANSWERS)

1) **DIVIDEND = DIVISOR X QUOTIENT + REMAINDER**

$\Rightarrow 126 \div 10$

$$\begin{array}{r} 012 \\ 10 \overline{) 126} \\ \underline{-0} \downarrow \\ 12 \downarrow \\ \underline{-10} \downarrow \\ 26 \\ \underline{-20} \\ 6 \end{array}$$

\therefore Dividend = 126
Divisor = 10
Quotient = 12
Remainder = 6

3) $875 \div 5$

$$\begin{array}{r} 175 \\ 5 \overline{) 875} \\ \underline{-5} \downarrow \\ 37 \downarrow \\ \underline{-35} \downarrow \\ 25 \\ \underline{-25} \\ \times \end{array}$$

\therefore Dividend = 875
Divisor = 5
Quotient = 175
Remainder = 0

WS 42(CHECK YOUR ANSWERS)

4)

$$\begin{array}{r} 982 \div 3 \\ 3 \overline{) 982} \\ \underline{-9} \\ 8 \\ \underline{-6} \\ 22 \\ \underline{-21} \\ 1 \end{array}$$

$$\begin{aligned} \therefore \text{Dividend} &= 982 \\ \text{Divisor} &= 3 \\ \text{Quotient} &= 327 \\ \text{Remainder} &= 1 \end{aligned}$$

We know,

$$\begin{aligned} \text{Dividend} &= \text{Divisor} \times \text{Quotient} + \text{Remainder} \\ &= 3 \times 327 + 1 \\ &= 981 + 1 \\ &= 982 \text{ (verified)}. \end{aligned}$$

WS 42(CHECK YOUR ANSWERS)

5)

$$104 \div 4$$

$$\begin{array}{r} 026 \\ 4 \overline{) 104} \\ \underline{-0} \downarrow \\ 10 \downarrow \\ \underline{-8} \downarrow \\ 24 \\ \underline{-24} \\ \hline \times \end{array}$$

$$\begin{aligned} \therefore \text{Dividend} &= 104 \\ \text{Divisor} &= 4 \\ \text{Quotient} &= 26 \\ \text{Remainder} &= 0 \end{aligned}$$

We know that,

$$\begin{aligned} \text{Dividend} &= \text{Divisor} \times \text{Quotient} + \text{Remainder} \\ &= 4 \times 26 + 0 \\ &= 104 \text{ (verified)} \end{aligned}$$

Thank you