



NICKS & TRICKS

GUIDE TO PRIMARY SCHOOL MATHS

Topic 4 – Division

Always Remember!

1. Division is just a **faster way to take lots of numbers**
2. **Be Sharp** with Dividing Tables!
3. There are **3 main ways** to show Division!

#1: $\begin{array}{r} 6 \\ \div \\ 2 \\ \hline ? \end{array}$

#2: $\frac{6}{2}$

#3: $2\sqrt{6}$

Can also flip this around!

- #1. Division tables
- #2. With fractions
- #3. Long division



Worked Example



A school needs **36,000** notebooks for next year. If the notebooks come in packages of **9**, how many packages should the school buy? Let's solve!

Divide the number of notebooks by the number in each package. **Divide 36,000 by 9.**

First divide 36 by 9.

$$36 \div 9 = 4$$

$$9\sqrt{36}$$

4

Long division:

9 into 36 goes 4 times.

Now count the zeroes.

$$36,000 \div 9 = ?$$

There are 3 zeroes. Write 3 zeroes in the answer.

$$36,000 \div 9 = 4,000$$

The school should buy **4,000 packages.**

3 Questions – 15 mins – Time yourself!

Question 1:

Divide: $2,886 \div 13 = ?$



Question 2:



Harry Potter needs to order **3,000 broomsticks** for Dumbledore. If the broomsticks come in boxes of **1,000**, how many boxes should Harry order?

Question 3:



The car company Ferrari has **€48,000** to spend on newspaper ads. If **each ad costs €800**, how many ads can Ferrari buy?

“Maths is about having fun and challenging yourself”