

Short Division 1

Learn these parts of a division problem. You'll need to know them!

$$\begin{array}{r} \text{quotient} \\ \text{divisor} \overline{) \text{dividend}} \end{array}$$

For this type of division we treat each **digit** individually. Start from the left and check whether the **divisor** can divide into the first digit of the **dividend**. Write your answer above the dividend and carry any remainder to the next digit. Then continue the process as before. If at any point it is **not possible** to divide a digit by the divisor, then write **0** in the answer and treat the undivided digit as a remainder.

Example 1:

$$\begin{array}{r} 157 \\ 4 \overline{) 628} \end{array}$$

Now try to solve these problems, setting them out in the same way and using the same method.

1. $854 \div 7 =$ _____

2. $924 \div 4 =$ _____

3. $378 \div 9 =$ _____

4. $3246 \div 6 =$ _____

5. $2772 \div 3 =$ _____

6. $1788 \div 2 =$ _____

7. $230 \div 5 =$ _____

8. $3577 \div 7 =$ _____

ANSWERS

1. 122
2. 231
3. 42
4. 541
5. 924
6. 894
7. 46
8. 511