

Short Division

$$\begin{array}{r} 137 \text{ r } 5 \\ 7 \overline{) 964} \end{array}$$

1. 7 goes into 9 once with 2 remaining (remainder 2), so put a 1 above the 9 and carry the 2 to the tens column.
2. 7 goes into 26 three times, remainder 5, so put 3 over the 6 and carry 5 to the hundreds column.
3. 7 goes into 54 seven times, remainder 5 so put 7 over the 4 and have a remainder of 5.

So $964 \div 7 = 137$ remainder 5

We write this with an 'r' for 'remainder', so it looks like this:

$$964 \div 7 = 137 \text{ r } 5$$

This method is called short division.

Using this method, have a go at the following sums;

1. $317 \div 8 =$
2. $528 \div 6 =$
3. $607 \div 7 =$
4. $1628 \div 4 =$
5. $7242 \div 3 =$