

SKILL 10

How do I divide using a written method?

$$196 \div 6 = 32 \text{ r}4$$

To be able to use vertical chunking to divide.

Steps to success

- Write down the number you are having to divide.
- Now think of the biggest multiple you know of the number you are dividing by.
- Subtract that number from the number you are dividing and write the amount of the divisor you have taken off by the side.
- Continue taking off multiples of the divisor until you reach zero,
or until you can take no more of the divisor away.
- If there are still numbers left then you have a remainder.

$$\begin{array}{r} 6 \overline{)196} \\ - \underline{60} \quad 6 \times 10 \\ 136 \\ - \underline{60} \quad 6 \times 10 \\ 76 \\ - \underline{60} \quad 6 \times 10 \\ 16 \\ - \underline{12} \quad 6 \times 2 \\ 4 \end{array}$$

Answer: 32 R 4