

Help at home guidance: How to crack 20 in 20!

This guidance is designed to help your child improve their maths at home.

The new weekly '20 in 20' tests are designed to keep your child constantly on top of the essential arithmetic skills which are required in maths. They also prepare your child for the first of 3 maths Year 6 SATs papers which asks children to answer approximately 30 questions in 30 minutes.

Formal written method of columnar addition

$$548 + 387$$

$$\begin{array}{r} 548 \\ + 387 \\ \hline 935 \\ \hline 11 \end{array}$$

Formal written method of columnar subtraction (decomposition)

$$631 - 314$$

$$\begin{array}{r} 6^2 \cancel{3}^1 1 \\ - 314 \\ \hline 317 \\ \hline \end{array}$$

Formal written method of short multiplication

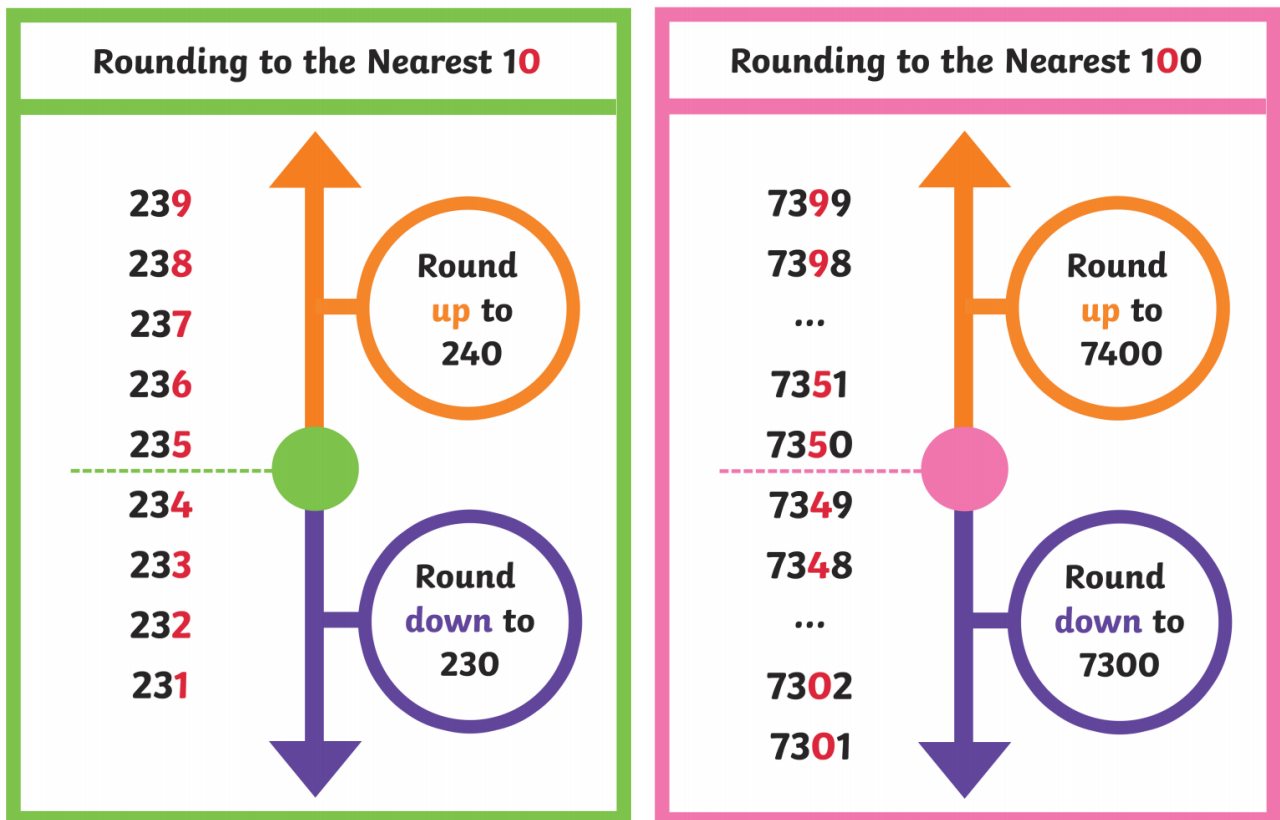
$$378 \times 4$$

$$\begin{array}{r} 378 \\ \times 4 \\ \hline 1512 \end{array}$$

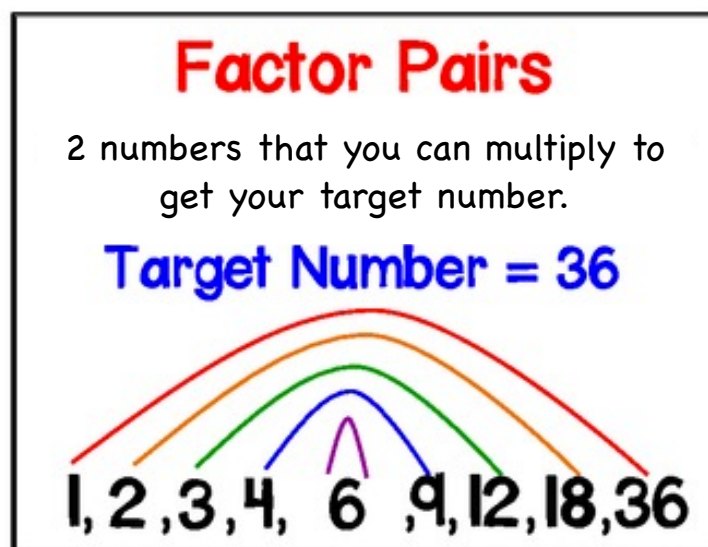
Formal written method of short division

$$\begin{array}{r} 2 \ 3 \\ 4 \overline{) 9 \ 12} \end{array}$$

Rounding



Factor pairs



Converting decimals to fractions



And finally... don't forget your times tables!

They really do underpin everything in mathematics.

“A good mathematician can work them out... a great mathematician knows them!”