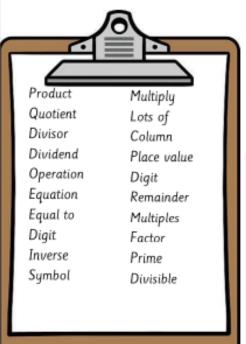
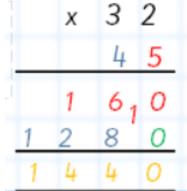
Year 5 Multiplication and division



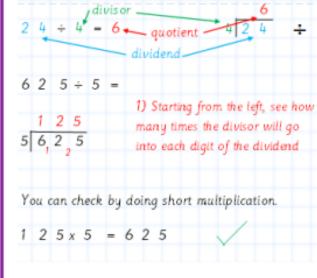
Multiply numbers up to 4 digits by a two-digit number



Long multiplication lets us multi-digit number together. This calculation is the same as doing $32 \times 5 = 160$ and $32 \times 40 = 1280$, then adding them together to make 1440.

The green zero is a placeholder which shows that in the second half of the calculation, we are multiplying by 40, not 4.

Divide numbers up to 4 digits by a one—digit number



Multiply and divide numbers mentally by drawing upon known facts

7 x 0.5
2400
$$\div$$
 6
7 x 5 = 35
 $\stackrel{?}{\downarrow}^{10}$ $\stackrel{?}{\downarrow}^{10}$ $\stackrel{?}{\downarrow}^{100}$ $\stackrel{?}{\downarrow}^{100}$
7 x 0.5 = 3.5
2400 \div 6 = 400

See if there is a known times table multiplication or division fact you can use to answer the question.

Use your knowledge of multiplying and dividing by 10, 100 and 1000 to adjust the answer.