

Year 6 Unit 10b Extension Activity

We can multiply three-digit and four-digit numbers by two-digit numbers using efficient written methods

Use the knowledge of tables and estimation to find the missing number. Try to do this without a calculator but use one to check your estimates.

The missing number is a two-digit number in every case.

$$\square \times 150 = 3750$$

$$\square \times 202 = 6464$$

$$\square \times 510 = 25500$$

$$\square \times 800 = 49600$$

$$\square \times 299 = 14651$$

Now find the missing unit digit in these sums:

$$2564 \times 2_ = 56,408$$

$$3105 \times 3_ = 105,570$$

$$6921 \times 4_ = 311,445$$

Talk about how you worked these out.
What other methods could you try?