Long division by two-digit divisors

MODULE 2 · OPERATIONS AND COMPUTATIONAL FLUENCY NUMBER

Long division by a two-digit number repeats four steps — **divide, multiply, subtract, bring down**. Estimating the divisor helps you guess each digit.

→ 682 ÷ 22 = **31** (since 22 × 31 = 682).

→ Multiples of the divisor jotted at the side speed up guessing.

WARM-UP

a. 185 ÷ 5 = ____ **b.** 441 ÷ 9 = ____ **c.** 30 ÷ 2 = ____ **d.** 184 ÷ 4 = ____

PRACTICE

1. Mr Ó Briain has **686** reward cards to share equally between the **14** tables in 5th class for a maths game. Each table gets the same number of cards. How many cards does each table get?

2. Over the school year, 5th class answered **1554** daily maths questions correctly across **21** pupils. Each pupil got the same number of questions right. How many correct answers did each pupil have?

CHALLENGE

1. 5th class sell **1678** tickets for the Christmas hamper raffle. The tickets are sold in booklets of **19**. How many full booklets are sold, and how many tickets are left over?

   1678 ÷ 19 = ? Give the answer and the remainder.

2. The 5th class fundraiser raised **€3411.20** for new sports gear over the school year. The money is shared equally between **4** classes to spend. How much does each class get?

   3411.2 ÷ 4 = ?