

- 4** Two of these calculations are wrong. Use an approximate calculation to work out which are wrong, and then find the correct answer.

- a**  $376 \div 9 = 21$  remainder 4  
**b**  $331 \div 6 = 55$  remainder 1  
**c**  $625 \div 7 = 49$  remainder 3

**Tip**

When estimating an answer, use numbers that are easy to divide.

- 5** Copy and complete these sets of multiplication and division facts.

- a**  $9 \times 8 = 72$        $72 \div \square = 9$        $\square \div 9 = 8$   
**b**  $180 \div 10 = \square$        $18 \times 10 = 180$        $\square \div 18 = 10$   
**c**  $46 \times 12 = 552$        $552 \div \square = 46$        $\square \div 46 = \square$

- 6** Which of these are correct? Check each multiplication by working backwards.

- a**  $5 \times 78 = 380$       **b**  $47 \times 6 = 329$       **c**  $3 \times 84 = 252$

## Level 4

**4b** I can check a result by considering if it is of the right order of magnitude

**4a** I can derive associated division facts

**4a** I can check a result by working it backwards

- 7** Work out these exact divisions.

- a**  $468 \div 12$       **b**  $555 \div 37$       **c**  $504 \div 21$       **d**  $224 \div 28$

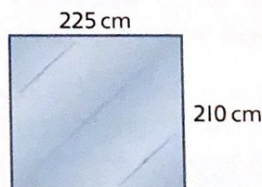
- 8** Work out these divisions. Write the remainders as fractions.

- a**  $495 \div 29$       **b**  $853 \div 61$       **c**  $546 \div 11$       **d**  $724 \div 19$

- 9** Garth's car insurance costs £258 for one year. He pays it with 12 equal monthly payments. How much is each payment?

- 10** Maggie is covering her patio with paving stones. The patio measures 225 cm by 210 cm. Each stone measures 15 cm by 15 cm.

- a** How many stones will fit along the 225 cm length?  
**b** How many stones will fit along the 210 cm length?  
**c** How many stones will Maggie need in total?



## Level 5

**5b** I can divide by a two-digit number

## Now try this!

### A Three in a row

A game for two players. You will need counters and a copy of this grid. Take turns to choose one of these divisions to work out.

- $6 \div 2$      $9 \div 3$      $18 \div 3$      $24 \div 4$      $28 \div 4$      $20 \div 5$      $45 \div 5$      $42 \div 6$   
 $30 \div 6$      $14 \div 7$      $56 \div 7$      $24 \div 3$      $16 \div 8$      $36 \div 9$      $45 \div 9$      $90 \div 10$

Work out a division. Put a counter on the answer on the grid. The winner is the first to get three in a row.

6	2	4	3
5	3	5	8
8	9	6	7
9	7	4	2

### B Division dilemma

Find the missing digits.

- a**  $47 \square \div 17 = \square \square$       **b**  $40 \square \div 15 = \square \square$       **c**  $4 \square 4 \div \square \square = 14$   
**d**  $4 \square 2 \div 16 = \square \square$       **e**  $999 \div 3 \square = 2 \square$       **f**  $7 \square \square \div \square 1 = 36$