

# Written Division

1

A farm packs 9555 eggs into boxes of 6.  
The **full** boxes are then put into crates of 8 boxes.

How many crates are needed to hold all the full boxes of eggs?  
Show your working.



2 marks

2

Irina starts with the number 6829. She wants to divide it by another number and get as close to 7 as she can.

What number should she divide by? Show your working.



2 marks

3

Kit cycles in a straight line for 1858 m. He travels 5 m every second.

How long does it take him to cycle this distance?  
Give your answer in an appropriate form.



2 marks



Dionne shares 7642 sequins equally between 8 jackets.

How many sequins does each jacket have?

Explain why you round the answer down in this situation.

There are four ways of dealing with a remainder — the other three are: rounding up, writing it as a fraction, and writing it as a decimal.

Come up with three different situations where you would need to work out  $7642 \div 8$  and deal with the remainder in the three other different ways.

How many other situations can you come up with for this division?

"I can divide a four-digit number by a one-digit number and deal with remainders."

