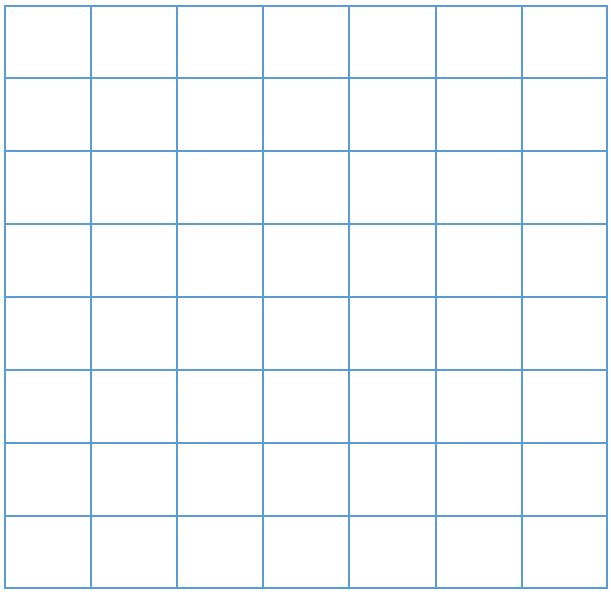
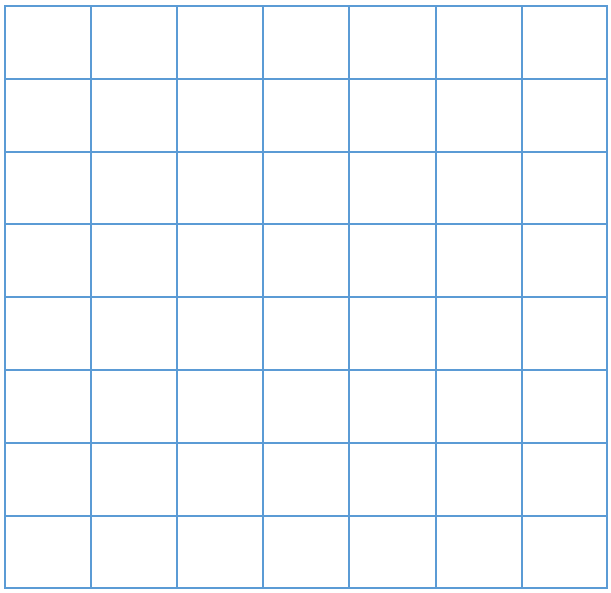
Year —Revision 13—Dividing by a two-digit number.

Complete each of the divisions.

3825 ÷ 45 = 85



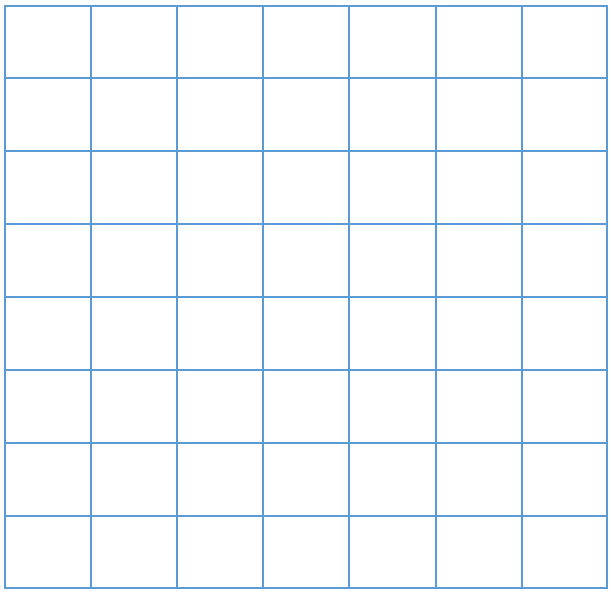
3824 ÷ 16 = 239



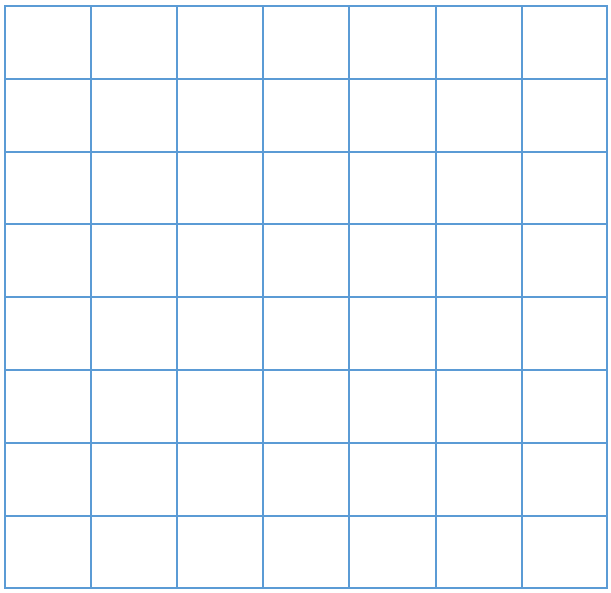
Year —Revision 13—Dividing by a two-digit number.

Complete each of the divisions.

3293 ÷ 37 = 89



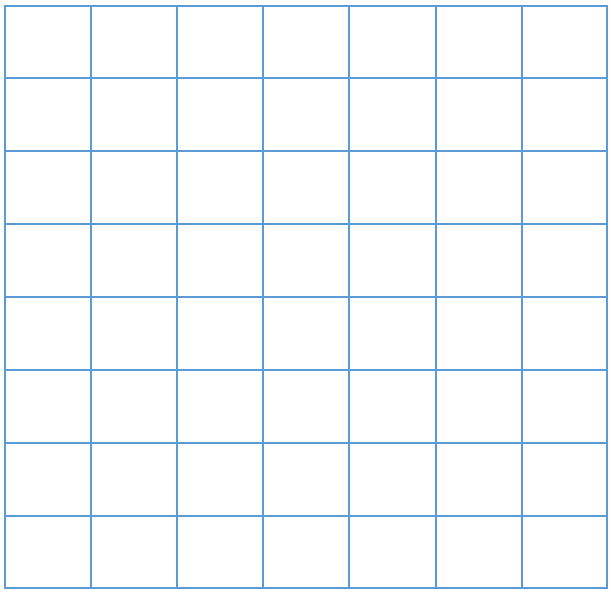
5184÷ 64 = 81



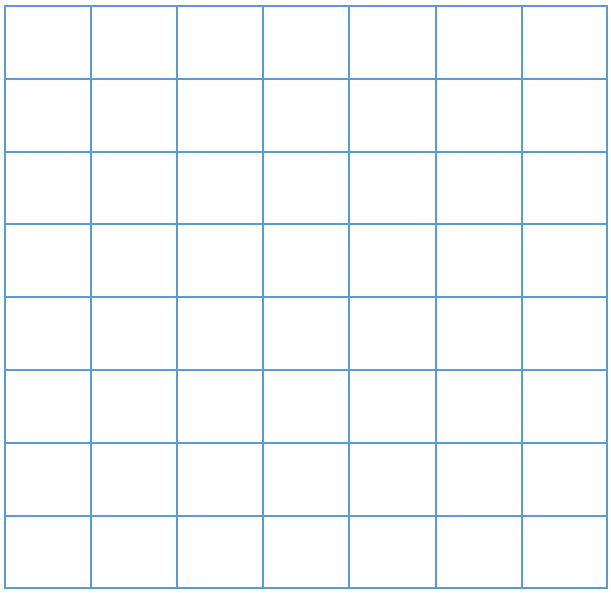
Year —Revision 14—Writing remainders as fractions

Complete each of the divisions.

2633 ÷ 73 = 36 5/73



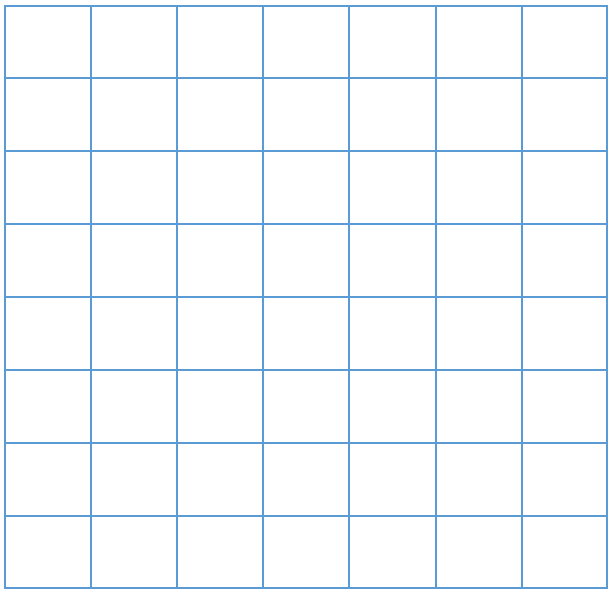
3660 ÷ 18 = 203 6/18 simplified 203 1/3



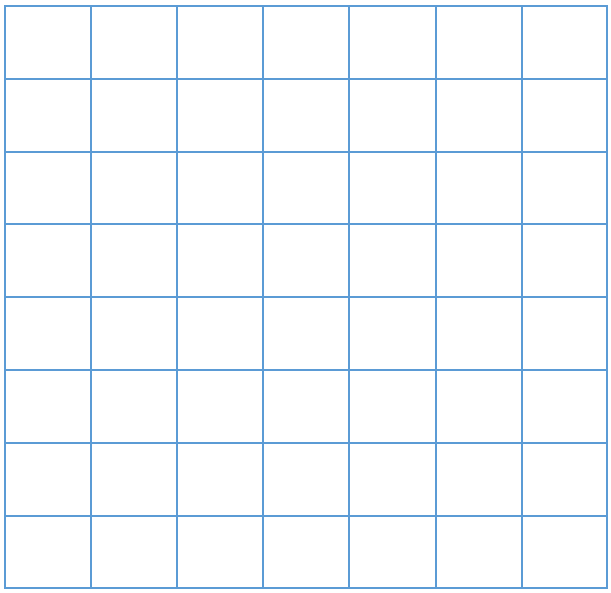
Year —Revision 13—Dividing by a two-digit number.

Complete each of the divisions.

3169 ÷ 39 = 81 10/39



4048÷ 96 = 42 16/96 simplified 42 1/6



Challenge

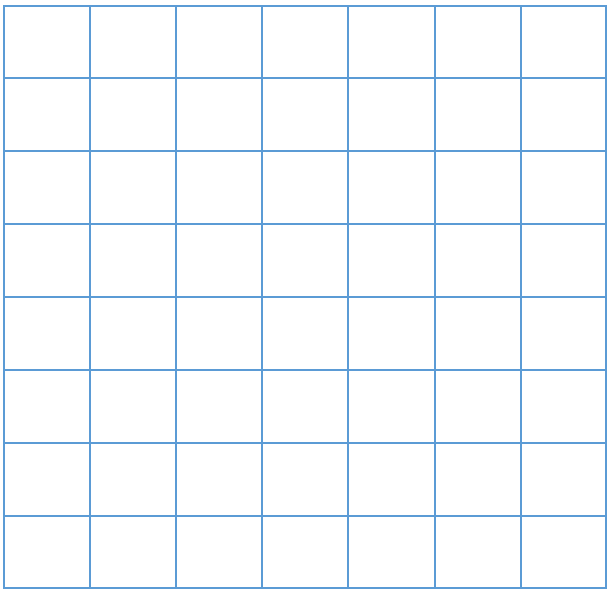
Can you write 5 different 4-digit divided by 2-digit questions where the remainder is 1/4?

Any 5 calculations where the remainder is 1/4 or can be simplified to 1/4. You can tweet your answers to Miss Whitehouse on the Year 6 twitter page.

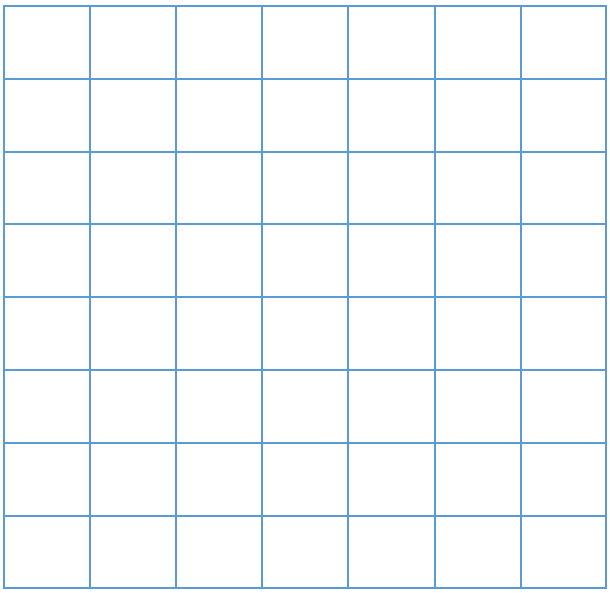
Year 6—Revision 15—Writing remainders as decimals

Complete each of the divisions.

5492 ÷ 56 = 98.07



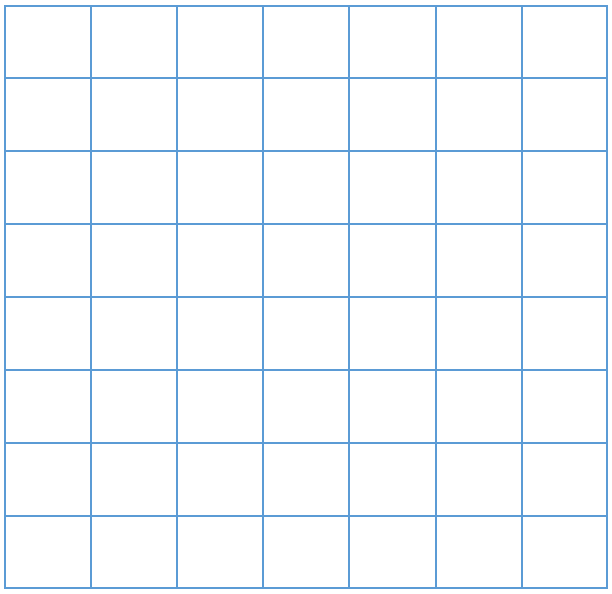
3679 ÷ 19 = 193.63



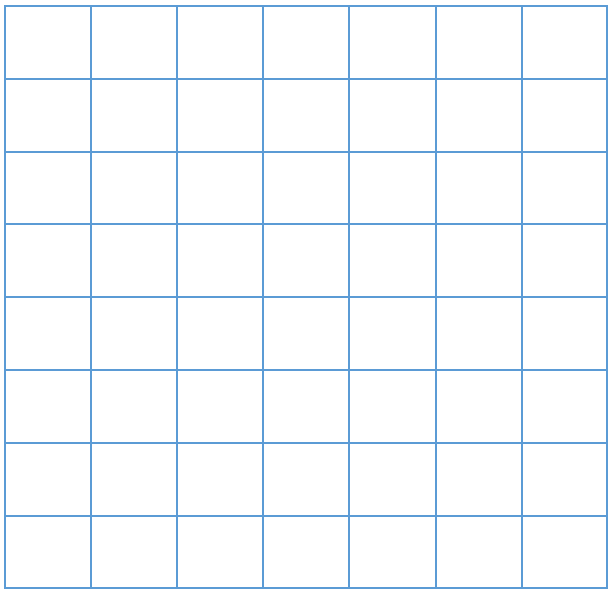
Year —Revision 15—Dividing by a two-digit number remainder as a decimal

Complete each of the divisions.

5278 ÷ 62 = 85.12



1789÷ 32 = 55.90



Challenge

Can you explain how a decimal answer would come to be .50?

You can tweet your suggestions to Miss Whitehouse on the Year 6 twitter page.

We know that a decimal remainder would be .50 if the remainder is a half.

This would happen if there are half as many left over as the number you were dividing by.

E.g. if there was 12 left and you were dividing by 24.

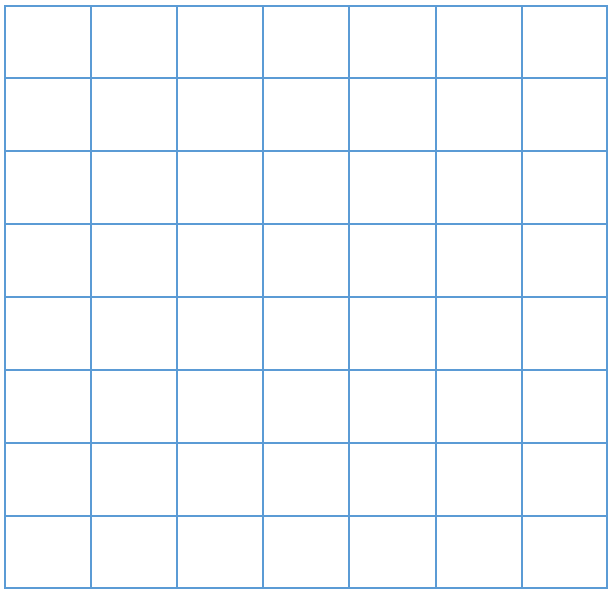
If there were 14 left and you were dividing by 48.

If there were 27 left and you were dividing by 54.

Year 6—Revision 16—rounding remainders up or down

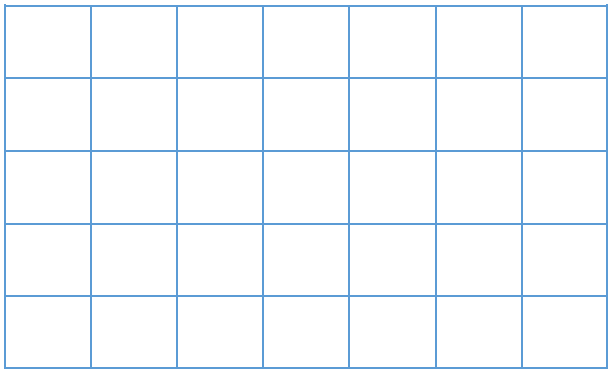
Solve each of the problems—decide if you need to round up or down.

A deliver company were delivering soup to a supermarket. The supermarket ordered 815 cans. The cans are packed into boxes of 24. How many boxes are needed to deliver all the soup?



They would need 34 boxes to deliver all the soup.

A theme park ride can fit 12 people on each turn. 259 people are queueing for the ride. How many times does the ride have to go round so that everyone in the queue has a turn.



The ride would need to go round 18 times so that everyone can have a go.

Year 6—Revision 16—rounding remainders up or down

Solve each of the problems—decide if you need to round up or down.

A farmer is picking apples in his farm. He puts them into crates. Each crate can hold 15 apples. He picks 481 apples. How many full crates of apples does he pick?

They would be able to find 32 full crates of apples.

Eggs are packed into boxes of 8. 173 eggs are collected on Monday, 215 eggs on Tuesday and 86 eggs on Wednesday. How many full boxes of eggs can be made?

Add together the three days : 474

Then divide by 8 = 59.25

So they can fill 59 full boxes.

Year 6—Revision 16—rounding remainders up or down

Strawberries are picked 4 days a week. The table shows how many are picked each day. They are collected at the end of the week and put into punnets of 25. How many full punnets can be made?

Mon	217
Wed	281
Fri	312
Sun	632

Add together the 4 days =1442

Divide by 25 = 57.68

They can make 57 full punnets.

Write your own problem where you would need to round your answer up to get the right answer.

Any question which requires an answer to be rounded up.

E.g. How many boxes are needed to pack all the…

How many turns are needed to …. So that all..

Write your own problem where you would need to round your answer down to get the right answer.

Any question which requires an answer to be rounded down.

E.g. How many full boxes can be made…

How many full turns..