100 Arithmetic Questions for SATs

SATs-style Practice Questions

THIRD SPACE LEARNING

About this resource

Do not use a calculator to answer any questions in this work book.

You could work through these questions with your child, or leave them to try a set of 5 questions. You could then mark the questions they've attempted and work through those they are unfamiliar with together.

It's important to adapt use of these questions to each child's needs and what they're most comfortable with - that's the power of working one-to-one with children.

We would advise against setting too many questions at any given time - maths practice is best when it is done little by little and as often as possible.

Advice for your child:

- Follow the instructions for each question.
- If you need to do working out, use the space in the box provided for the question.
- Put your answer in the box for each question.
- All answers should be given as a single value.
- For questions expressed as common fractions or mixed numbers, you should give your answers as common fractions or mixed numbers.
- If you cannot do a question, go on to the next one.
- Remember to back and check your work.

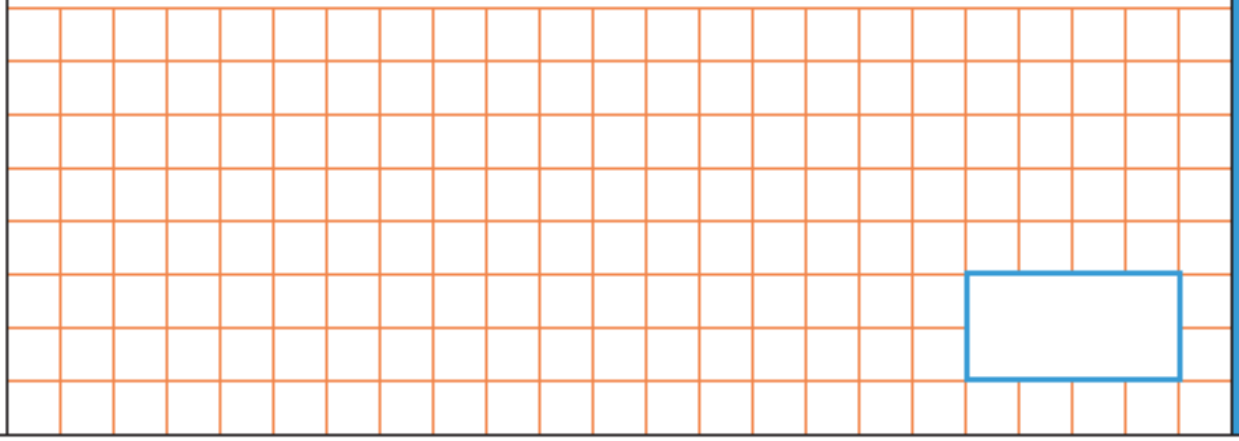
Marks

The number under each box at the side of the page tells you the number of marks available for each question.

In this practice paper, long division and long multiplication questions are worth **2 marks each.**
You will be awarded **2 marks** for a correct answer.
You may get **1 mark** for showing a formal method.

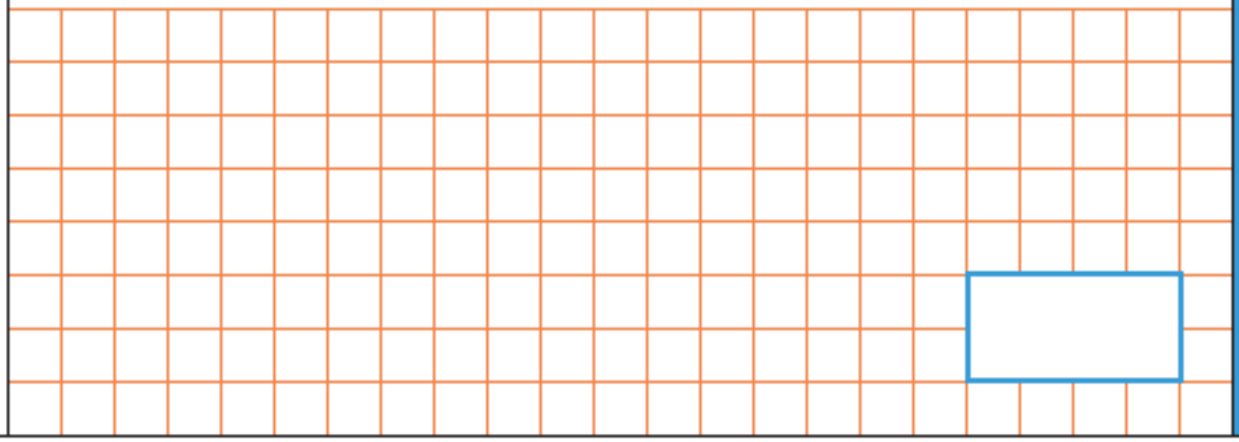
All other questions are worth **1 mark each.**

1 997 + 10 =



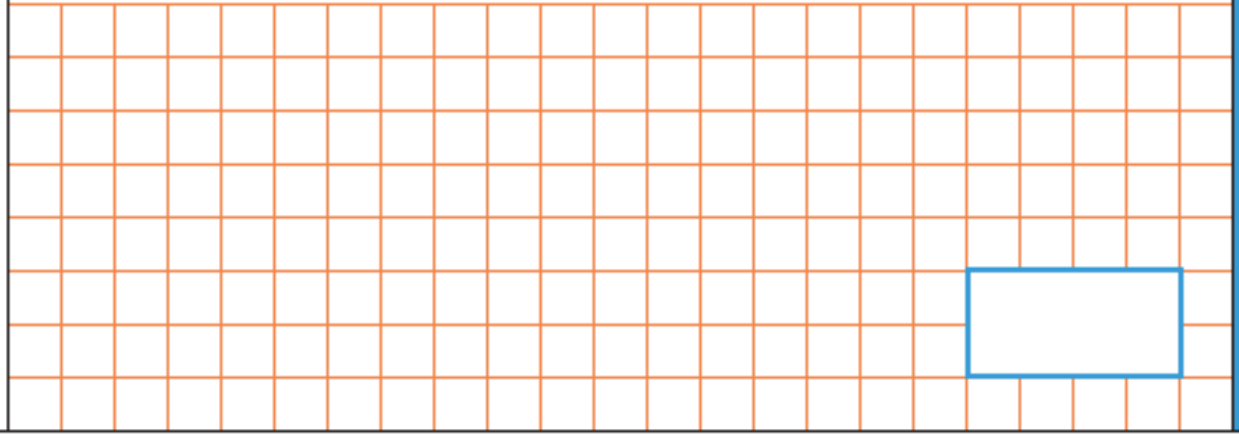
1 mark

2 39 + 621 =



1 mark

3 1,023 - 100 =



1 mark

4 ☐ = 607 + 598

1 mark

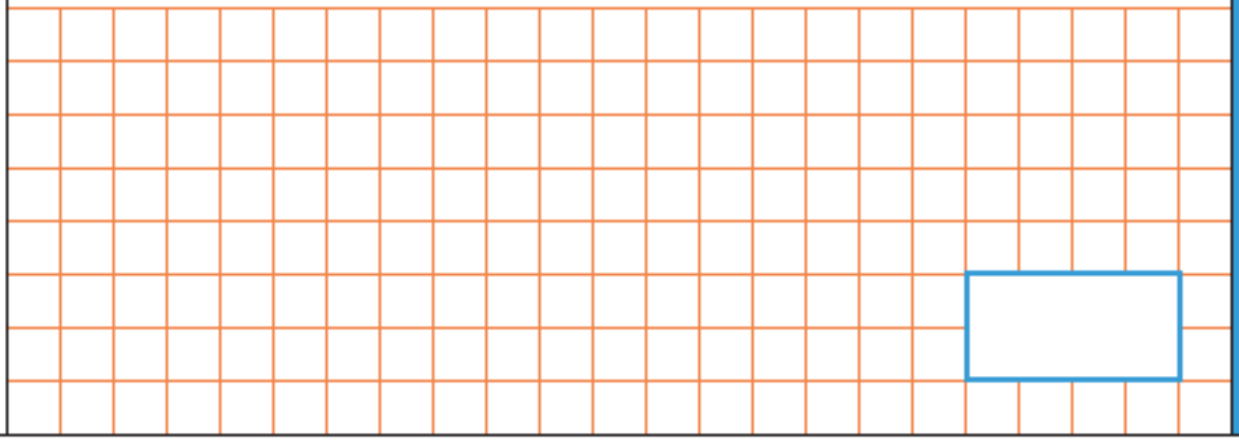
5 396 - 9 =

1 mark

6 542 x ☐ = 542

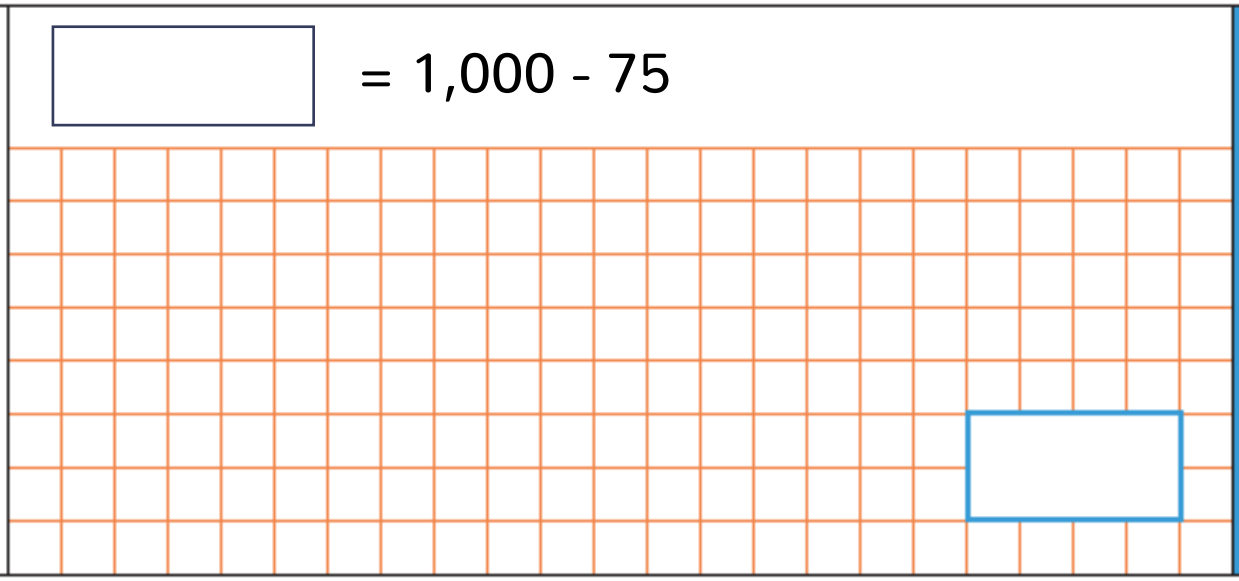
1 mark

7 $86 \div 2 =$



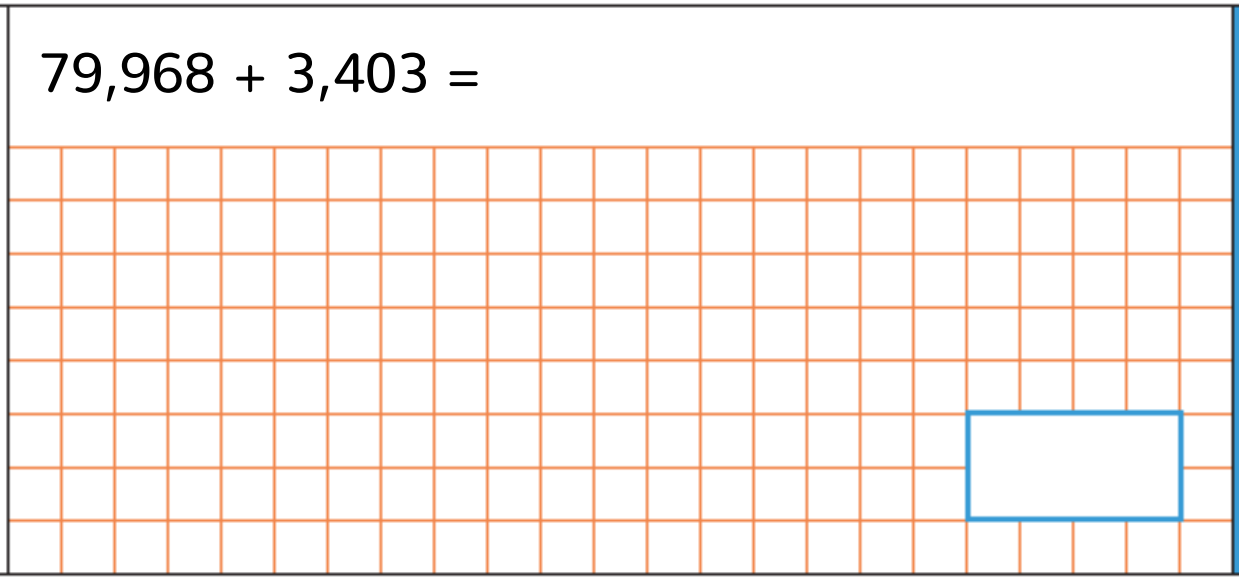
1 mark

8 $\square = 1{,}000 - 75$



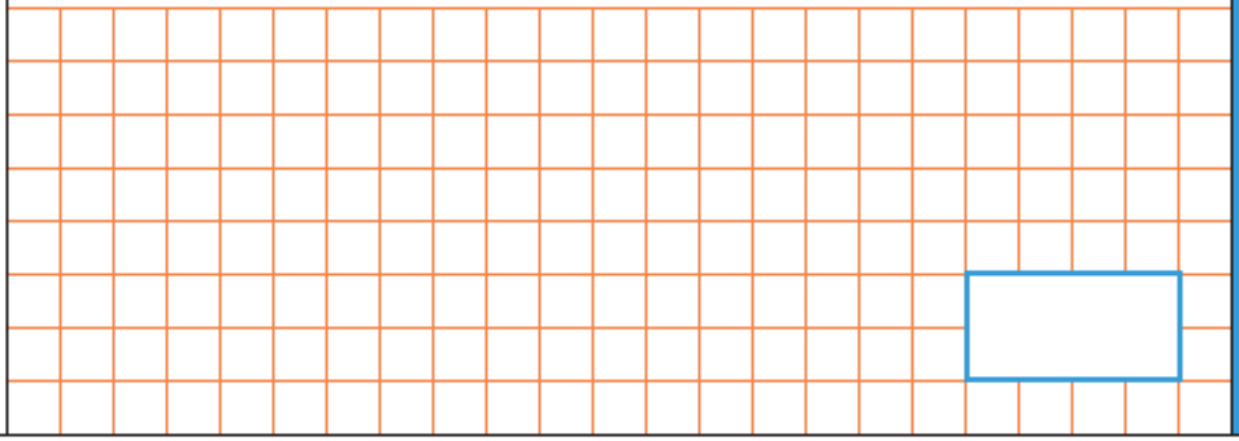
1 mark

9 $79{,}968 + 3{,}403 =$

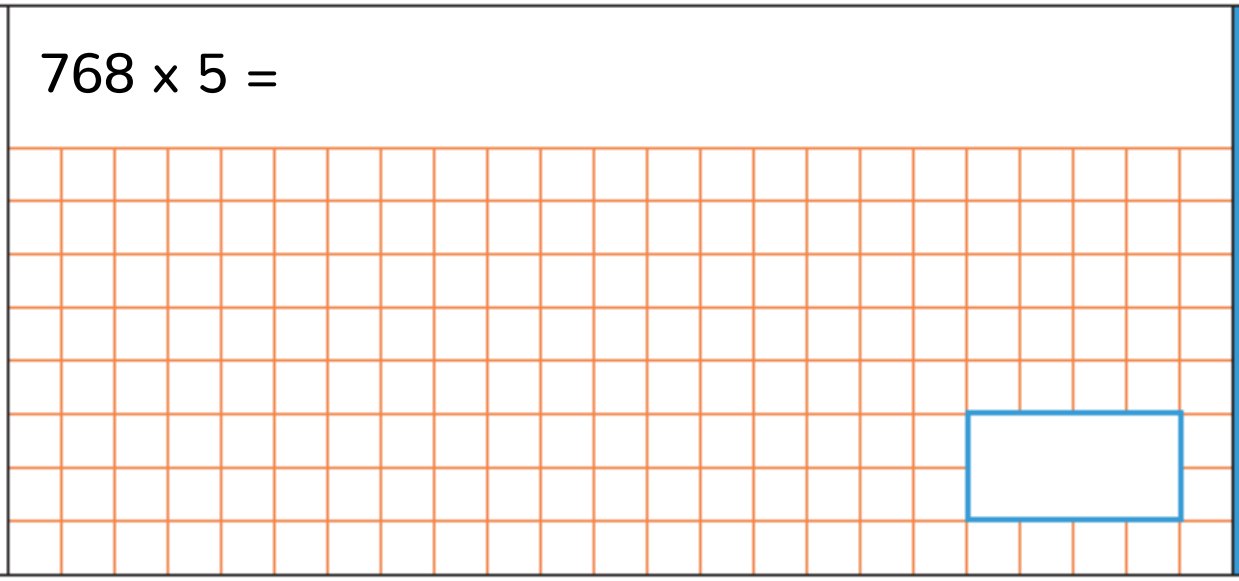


1 mark

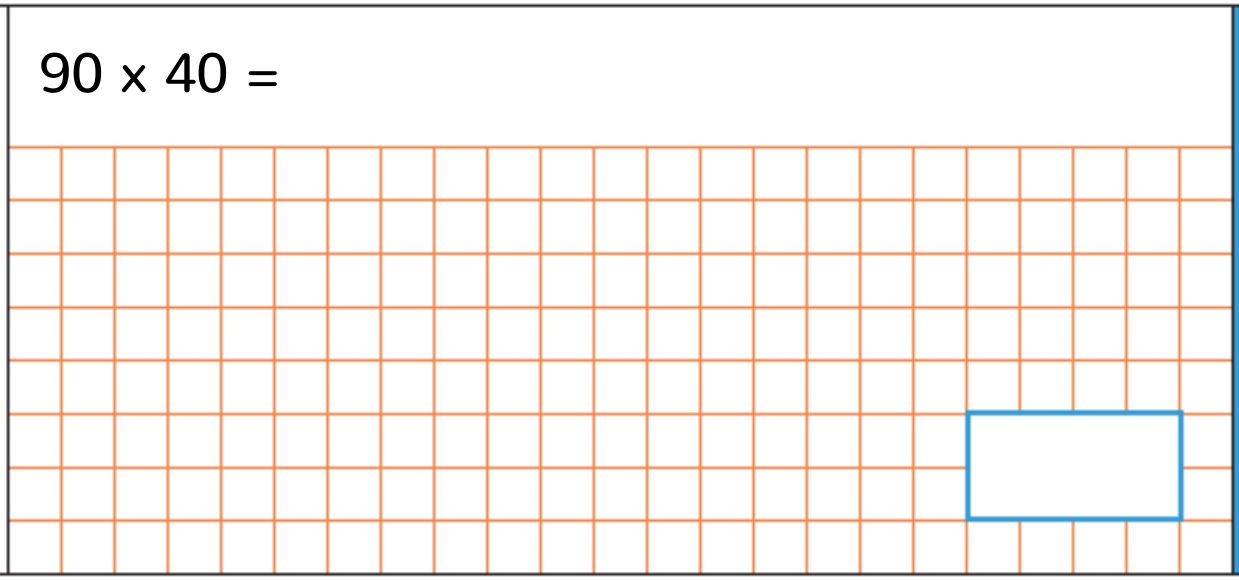
10 $3 \times 6 \times 5 =$



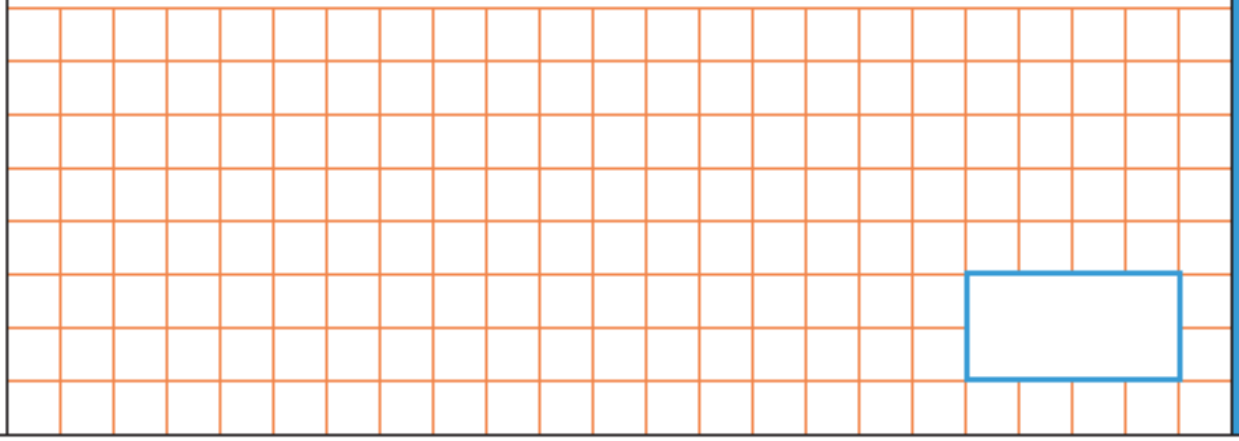
11 $768 \times 5 =$



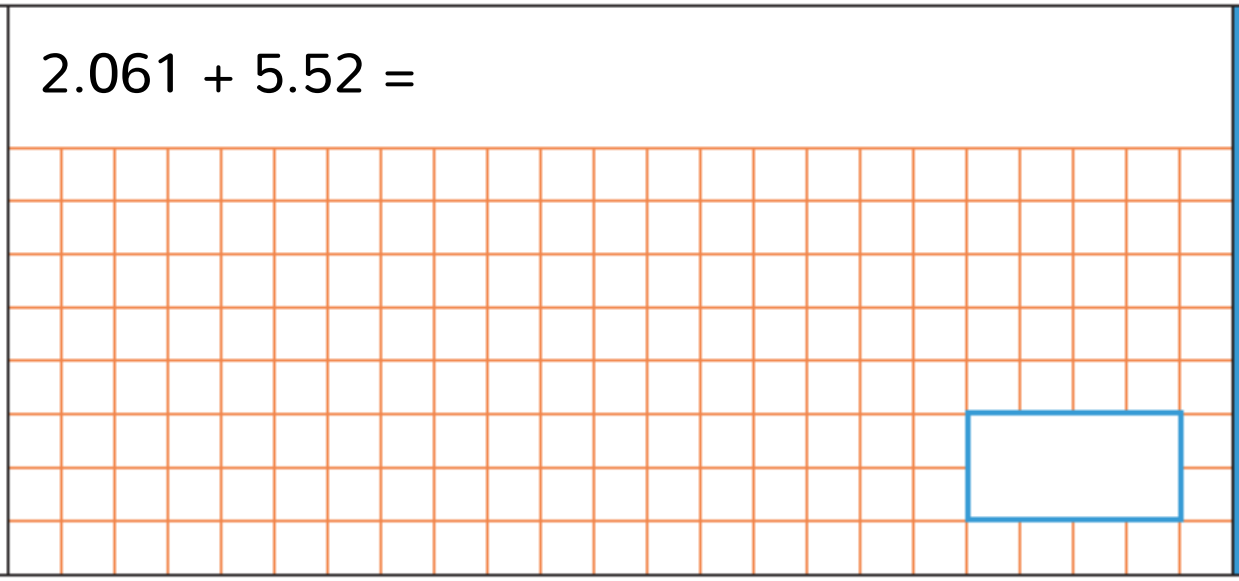
12 $90 \times 40 =$



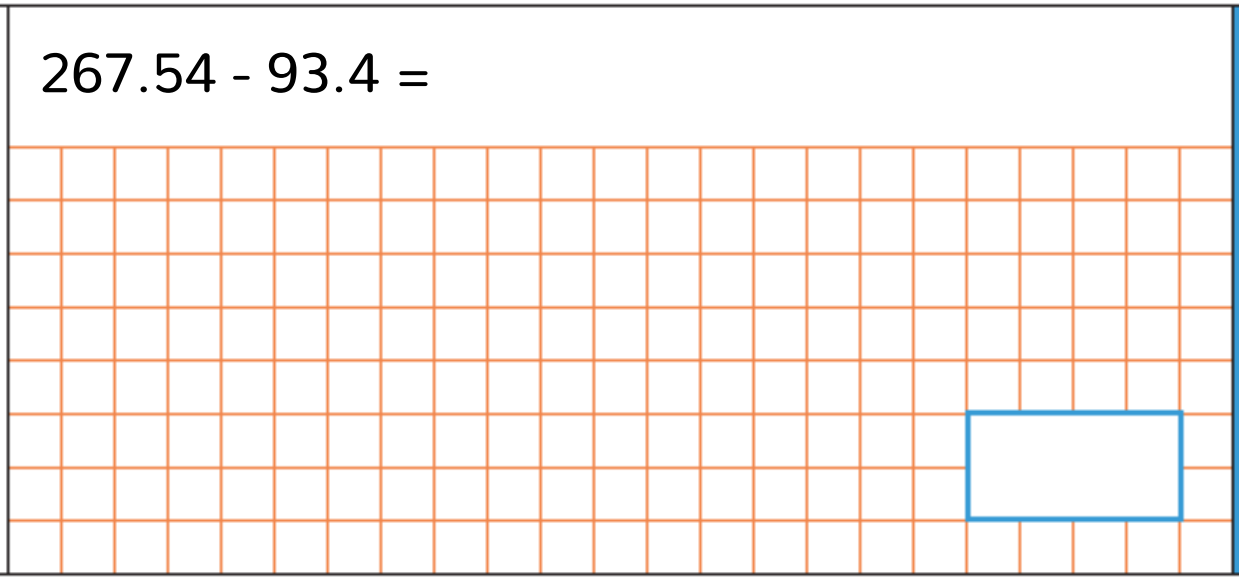
13 $902 \div 100 =$



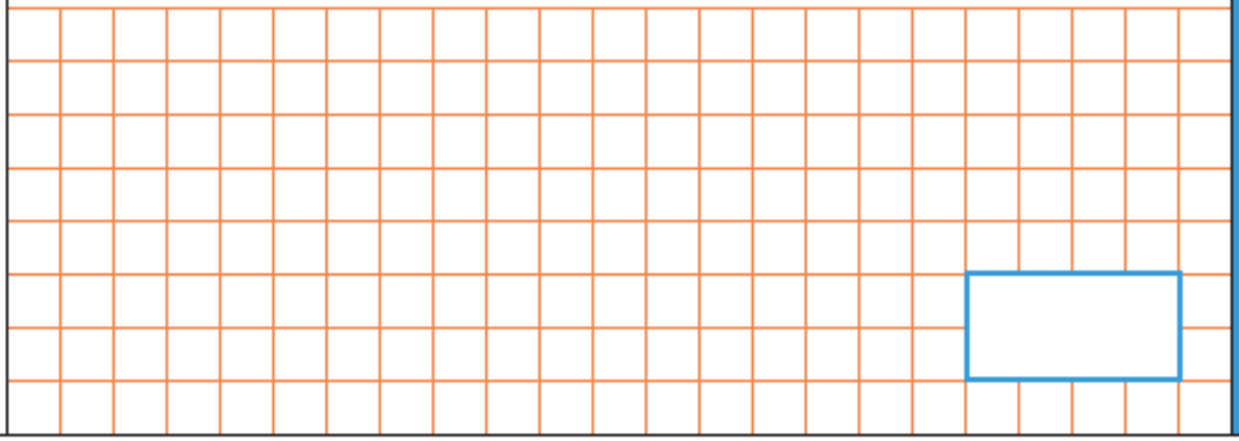
14 $2.061 + 5.52 =$



15 $267.54 - 93.4 =$

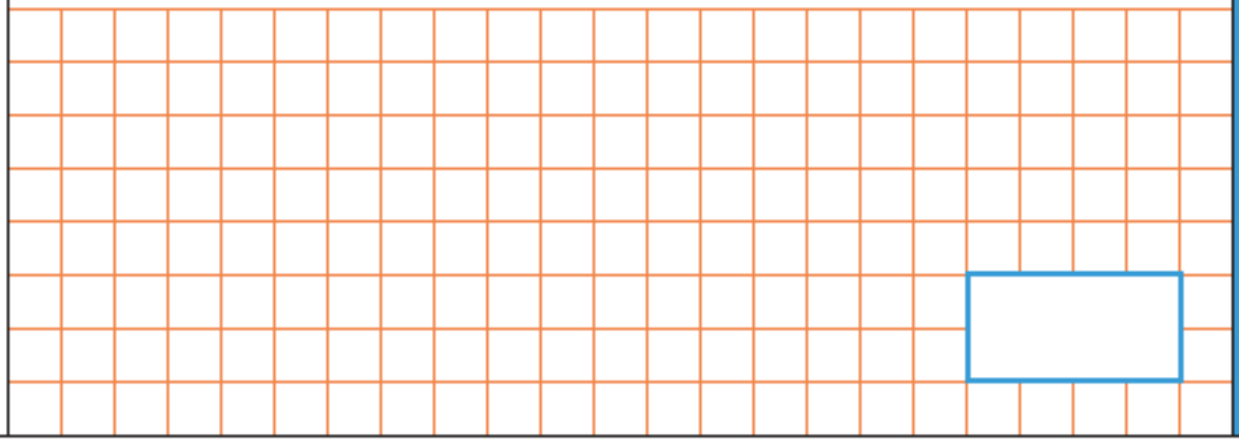


16 $536 \div 4 =$



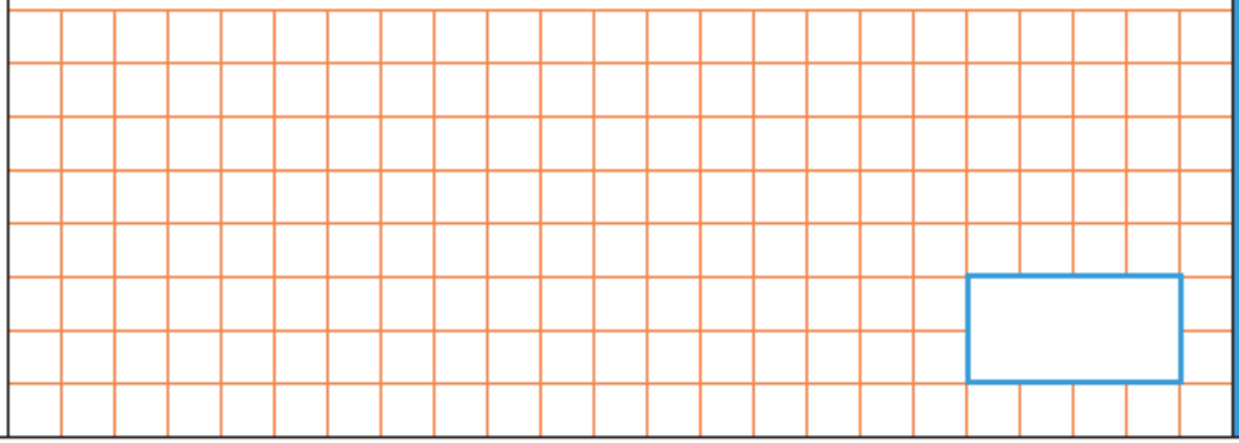
1 mark

17 $284{,}381 - 13{,}999 =$



1 mark

18 $5^2 - 14 =$



1 mark

19 ☐ = 1.007 x 10

1 mark

20 8 - 1.99 =

1 mark

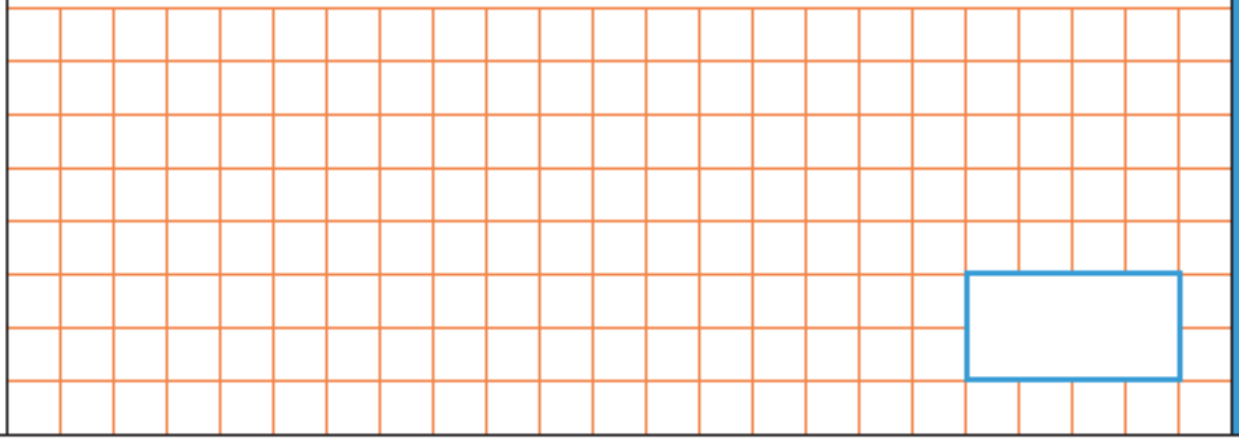
21

	6	2
x	2	5

Show your method

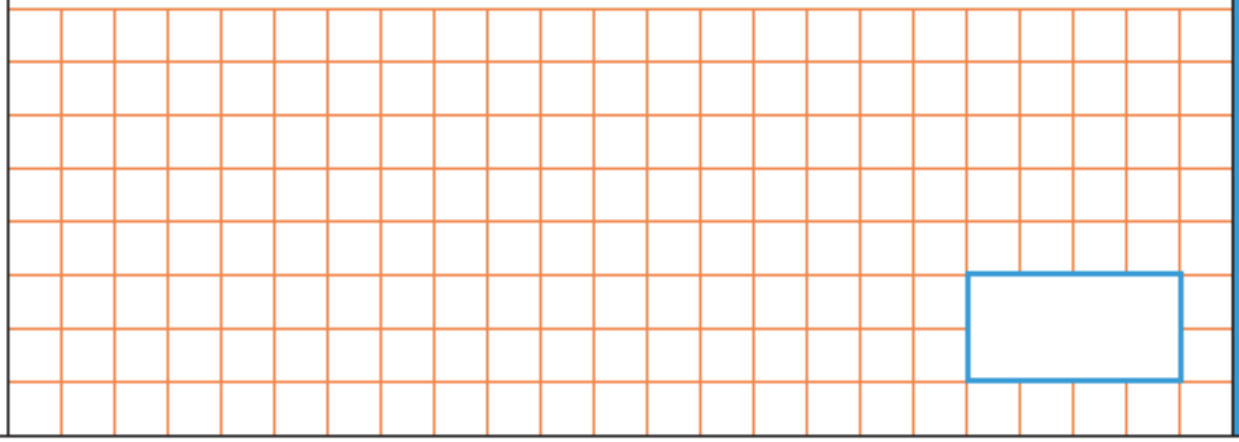
1 mark

22 30% of 2,400 =



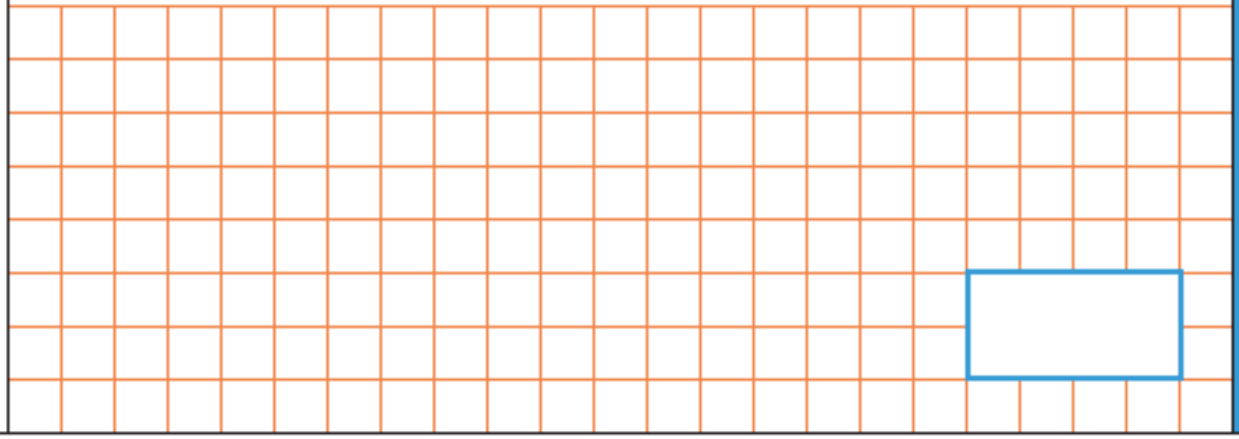
1 mark

23 1,265 ÷ 11 =



1 mark

24 23 x 5.4 =



1 mark

25 $\frac{4}{9} + \frac{7}{9} =$

1 mark

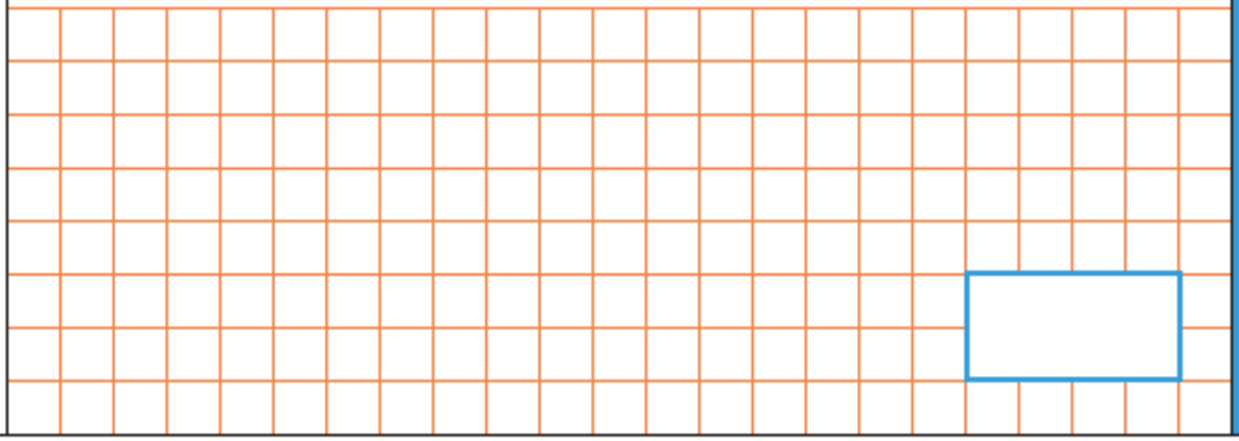
26 $3 - 12 =$

1 mark

27 $91 =$ ☐ $\times 7$

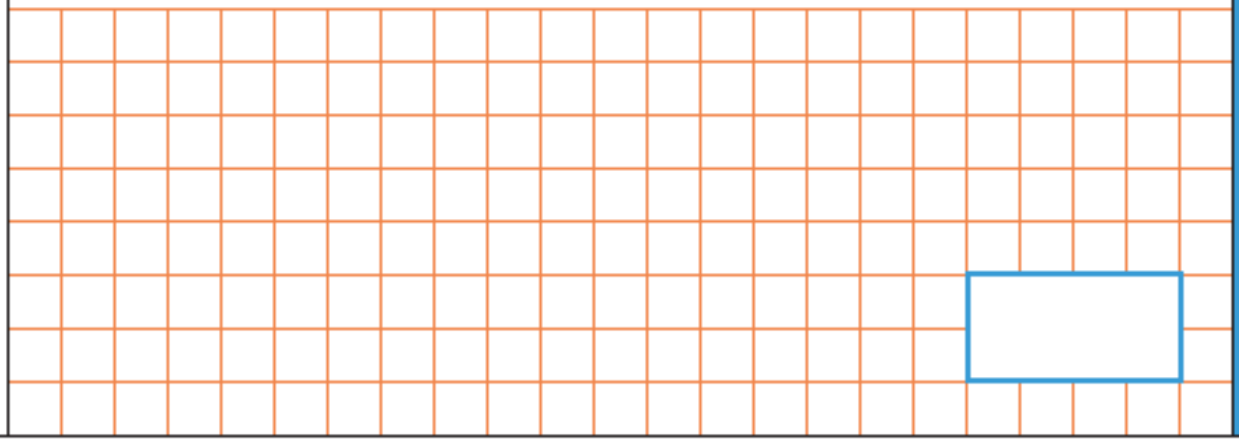
1 mark

28 $263 \div 100 =$



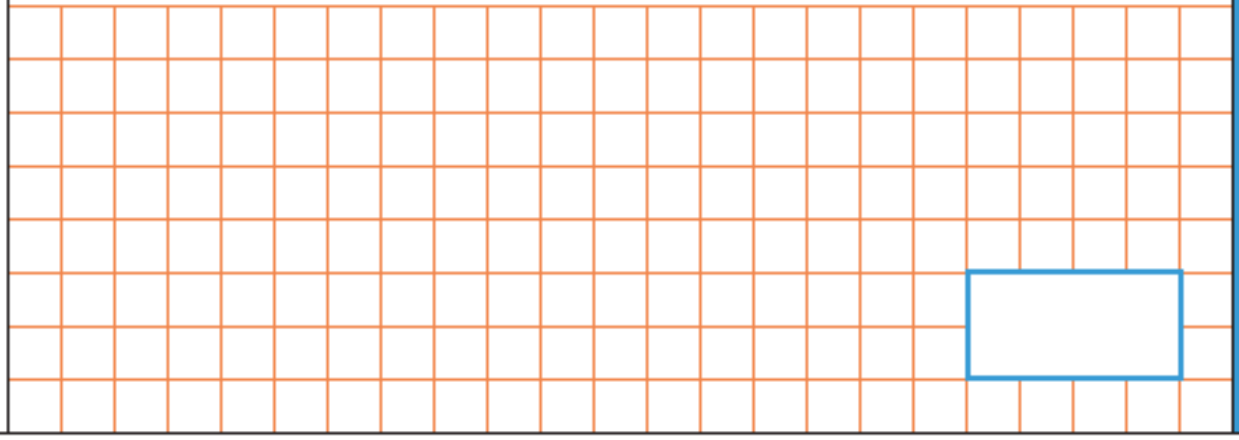
1 mark

29 $26.8 + 1.002 =$



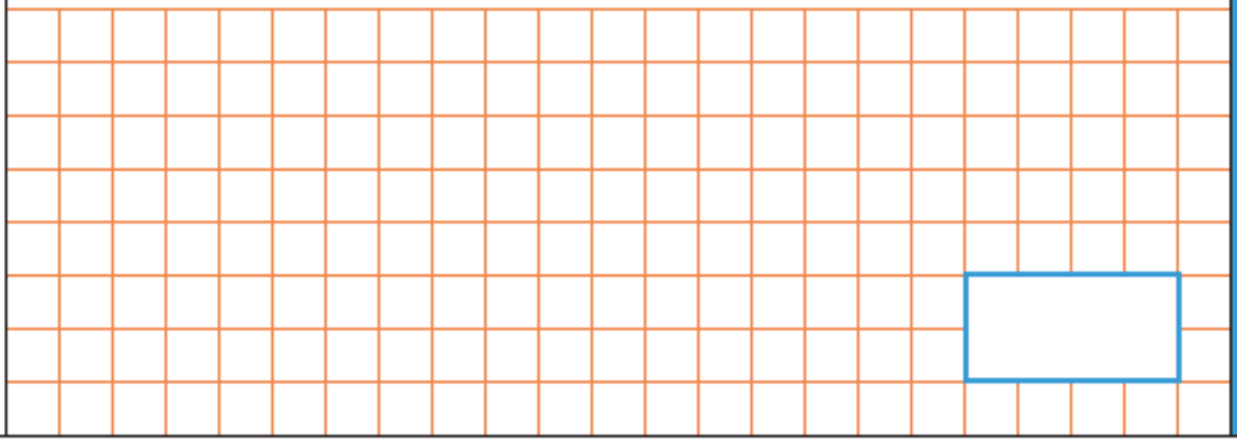
1 mark

30 $40 \times 300 =$



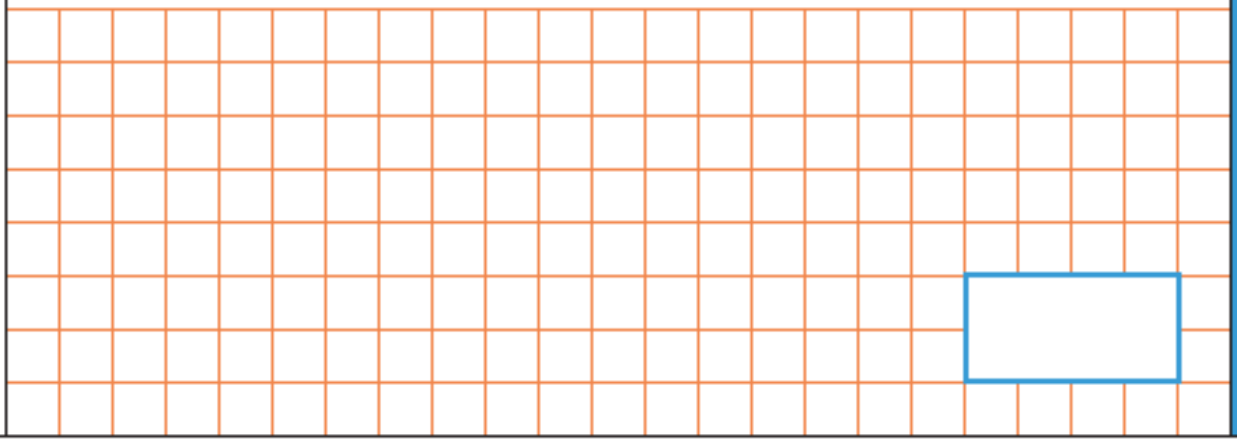
1 mark

31 2,407,562 - 10,000 =



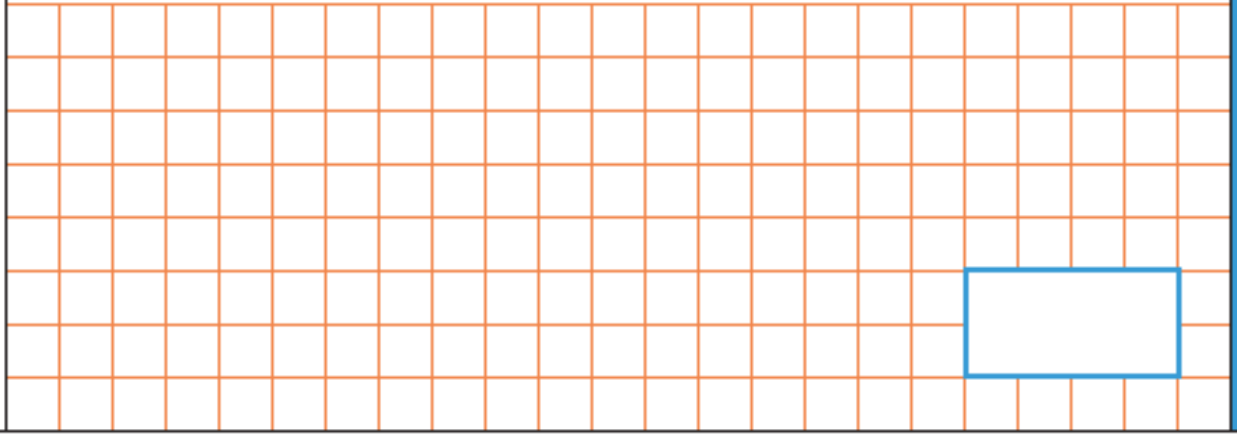
1 mark

32 $\frac{3}{7} + \frac{2}{7} =$



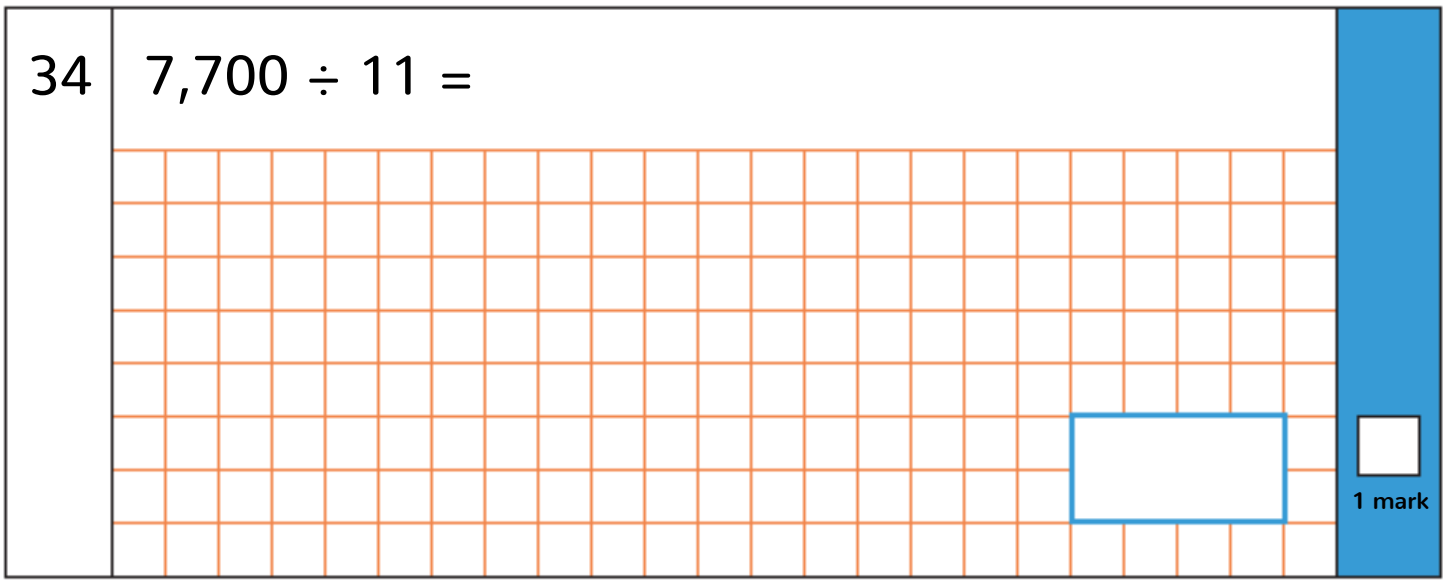
1 mark

33 1,000 x 30.7 =

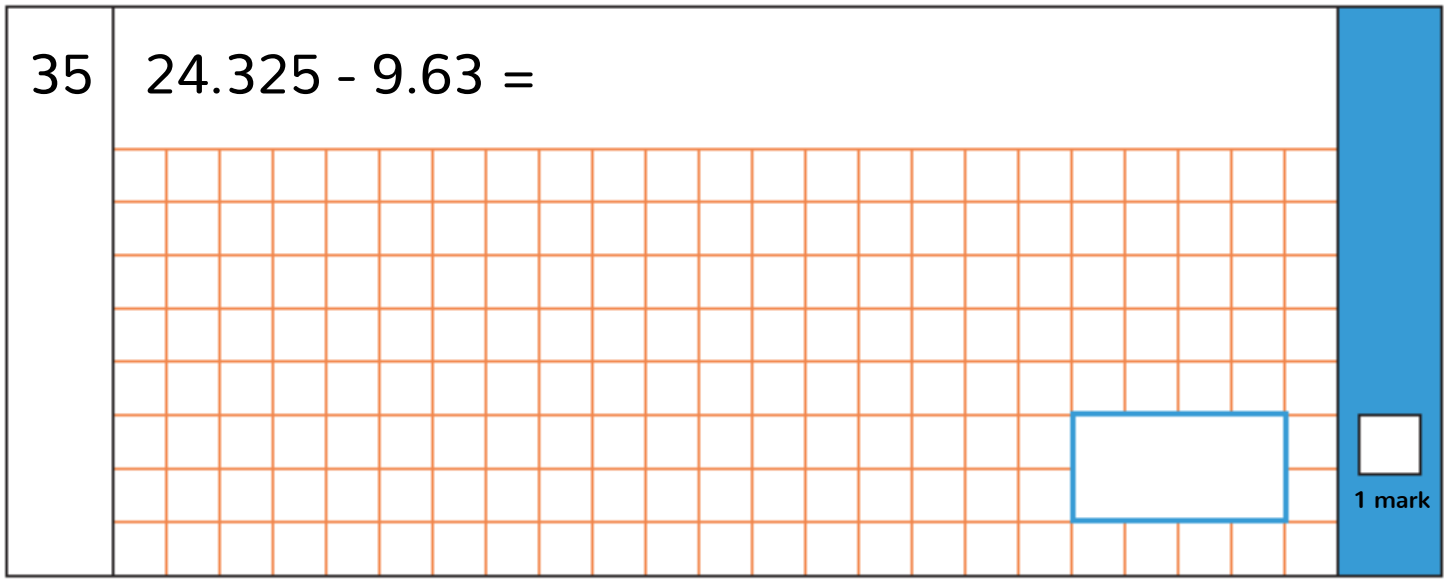


1 mark

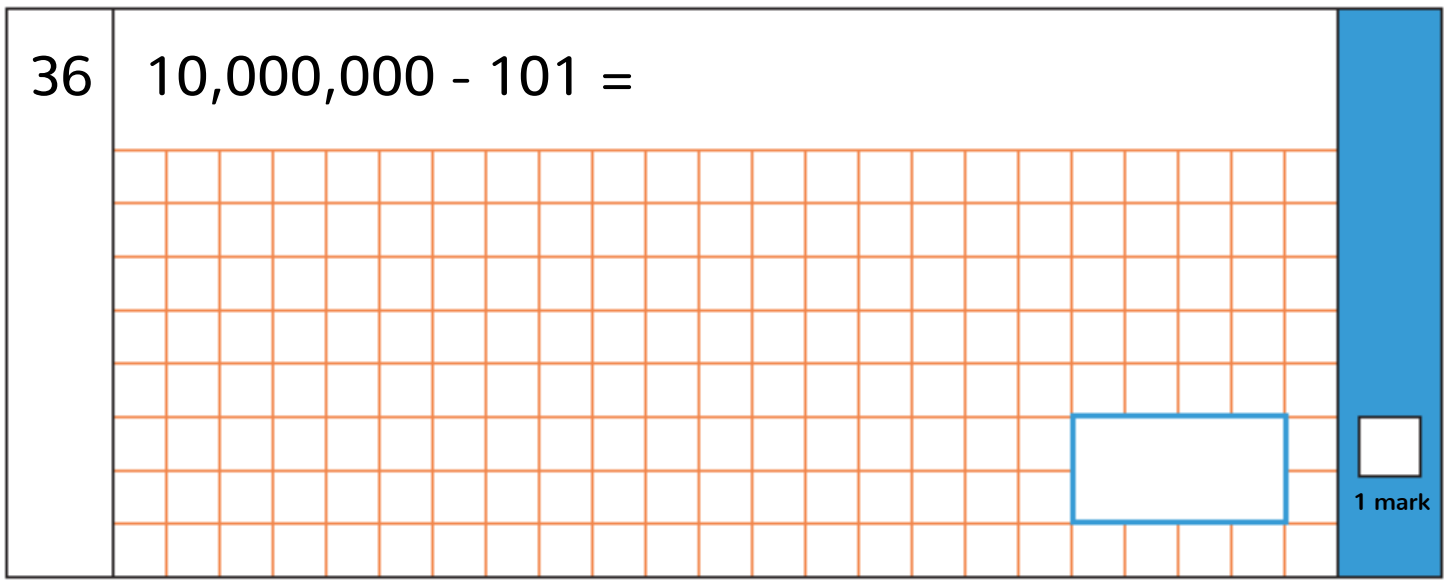
34 $7{,}700 \div 11 =$



35 $24.325 - 9.63 =$



36 $10{,}000{,}000 - 101 =$



37 $\frac{1}{6} + \square = \frac{5}{12}$

1 mark

38 $8^2 + 17 =$

1 mark

39 $1\frac{4}{9} \times 3 =$

1 mark

40 $\frac{5}{6}$ of 240 =

1 mark

41 2.56 x 7 =

1 mark

42 1 9) 4 5 6

Show your method

1 mark

43 30% of 3,200 =

1 mark

44

$$\begin{array}{r} 46 \\ \times\ 23 \\ \hline \end{array}$$

Show your method

1 mark

45 $\frac{3}{4} \div 3 =$

1 mark

46 $7 + 3 \times 5 =$

1 mark

47 $27\overline{)1431}$

Show your method

2 marks

48 $\frac{4}{7} \times \frac{5}{8} =$

1 mark

49

Show your method

$$\begin{array}{r} 5\,2\,0\,8 \\ \times\quad\;\; 7\,6 \\ \hline \end{array}$$

1 mark

50

$3\frac{1}{4} - 1\frac{2}{3} =$

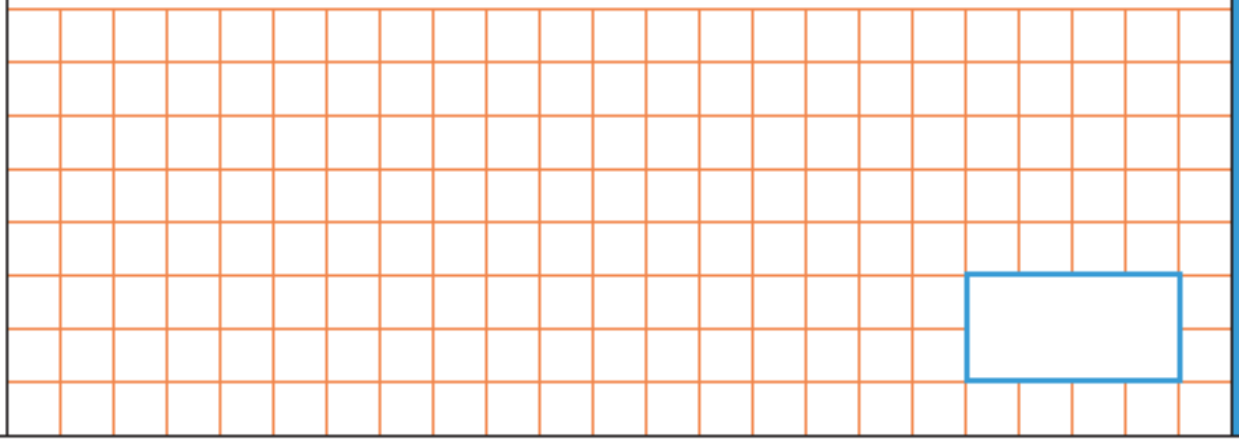
2 marks

51

$\frac{6}{7} \div 4 =$

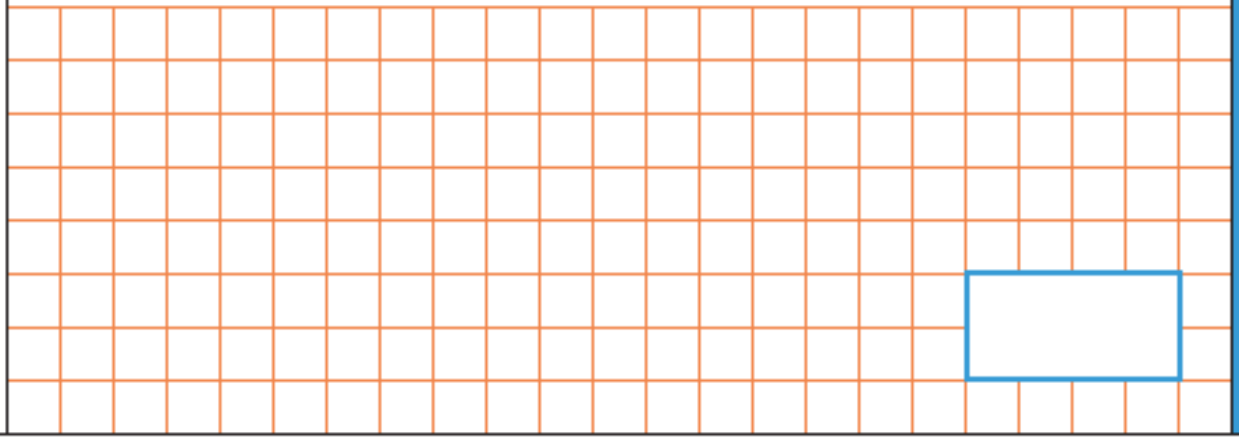
2 marks

52 $44 \times 2 =$



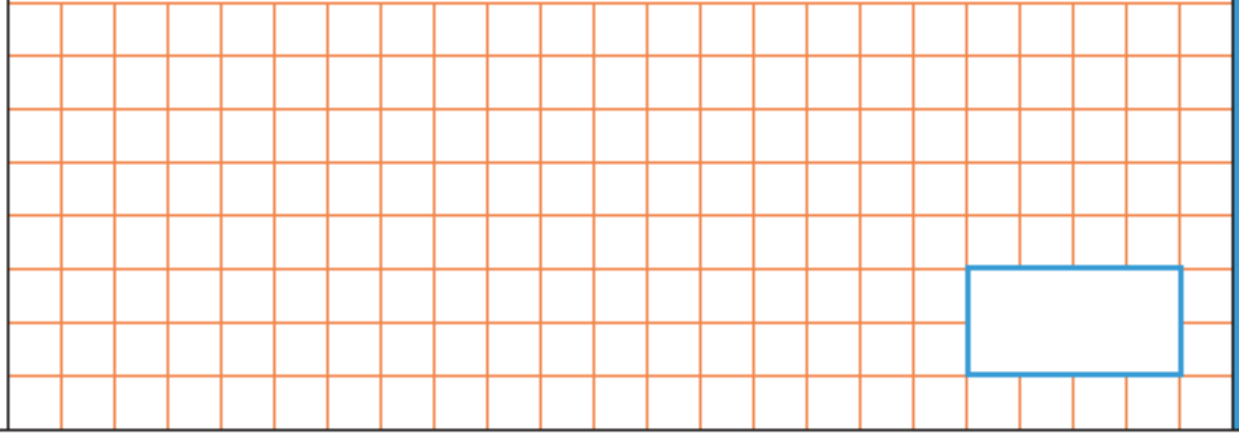
1 mark

53 $3735 + 100 =$



1 mark

54 $459 \times 0 =$



1 mark

55 742 - 8 =

1 mark

56 ☐ = 56 ÷ 7

1 mark

57 69,997 + 5,601 =

1 mark

58 ☐ = 6,853 - 684

1 mark

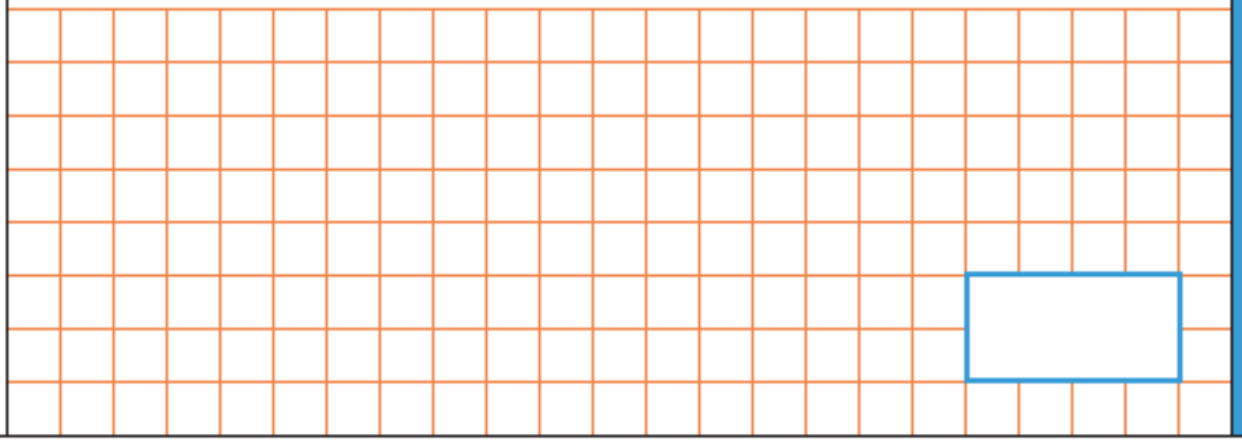
59 5 x 7 x 4 = ☐

1 mark

60 8.4 + 0.3 = ☐

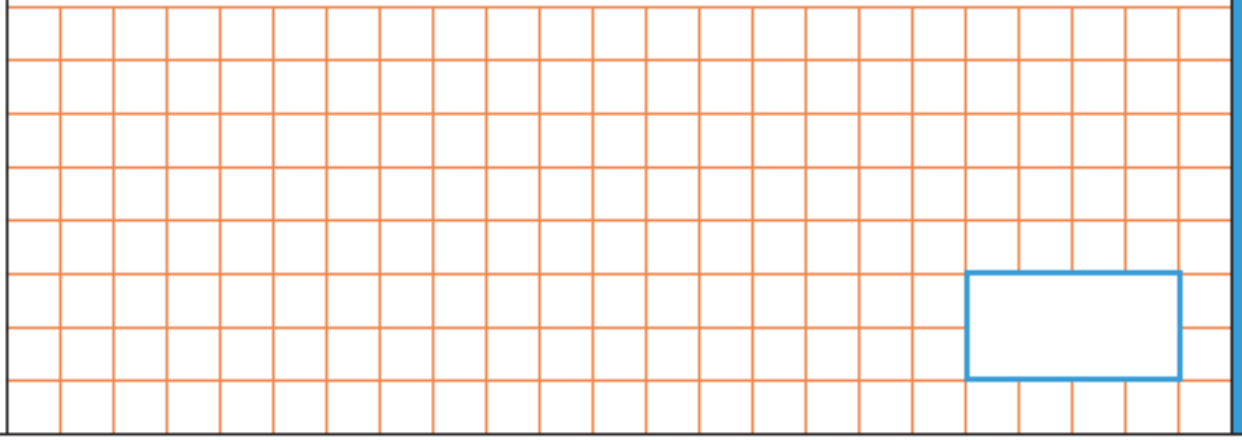
1 mark

61 $726 \div 6 =$



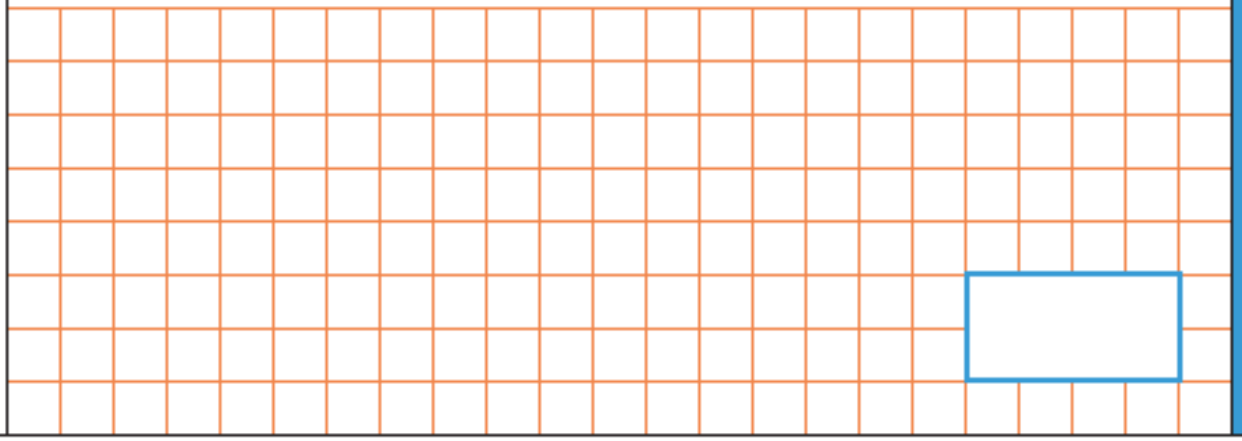
1 mark

62 $\frac{3}{4} - \frac{1}{8} =$



1 mark

63 5% of 680 =



1 mark

64

$$\begin{array}{r} 7085 \\ \times\ \ \ 43 \\ \hline \end{array}$$

Show your method

1 mark

65

$$2\overline{)6884}$$

Show your method

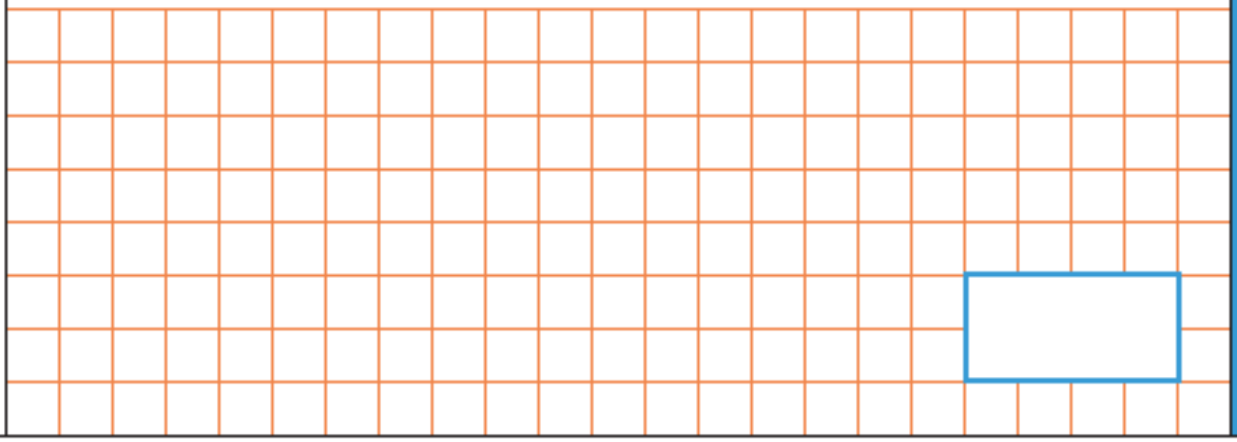
1 mark

66

$$\frac{7}{8} + 2\frac{5}{16} =$$

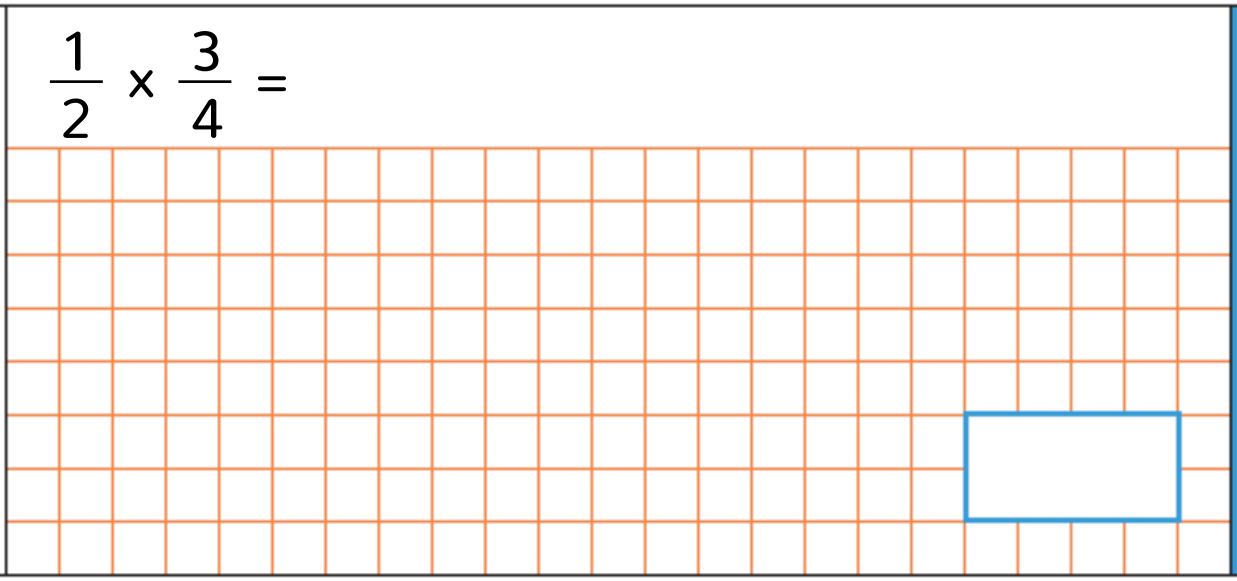
1 mark

67 $\frac{6}{11} \div 3 =$



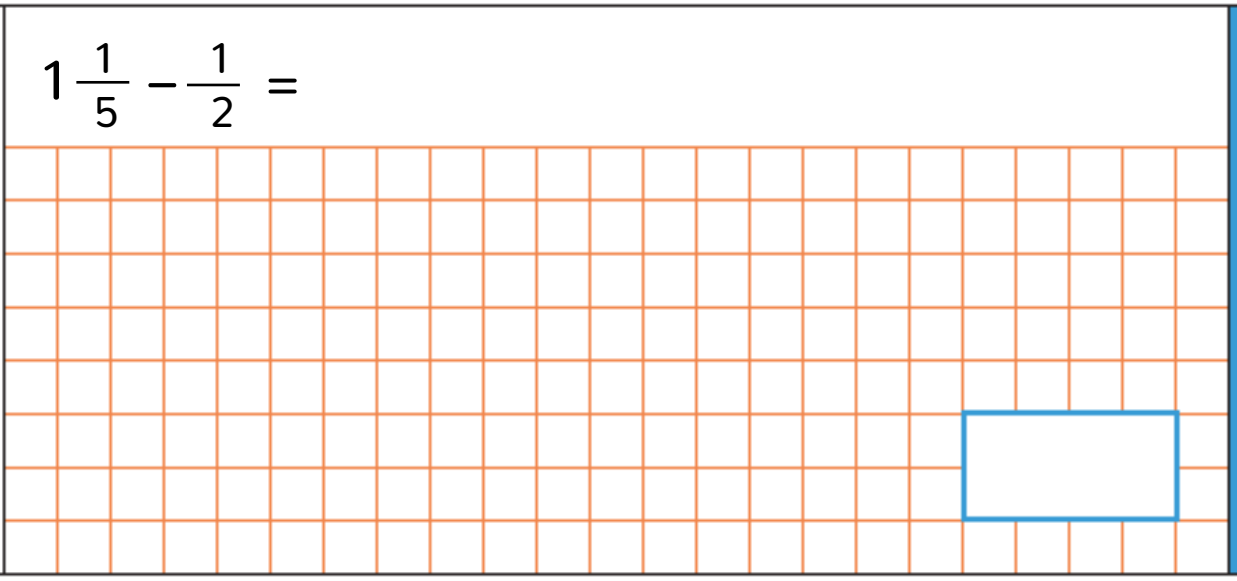
1 mark

68 $\frac{1}{2} \times \frac{3}{4} =$



1 mark

69 $1\frac{1}{5} - \frac{1}{2} =$



1 mark

70

$4 7 \overline{)1 2 6 9}$

Show your method

1 mark

71

$\frac{3}{7} \times 175 =$

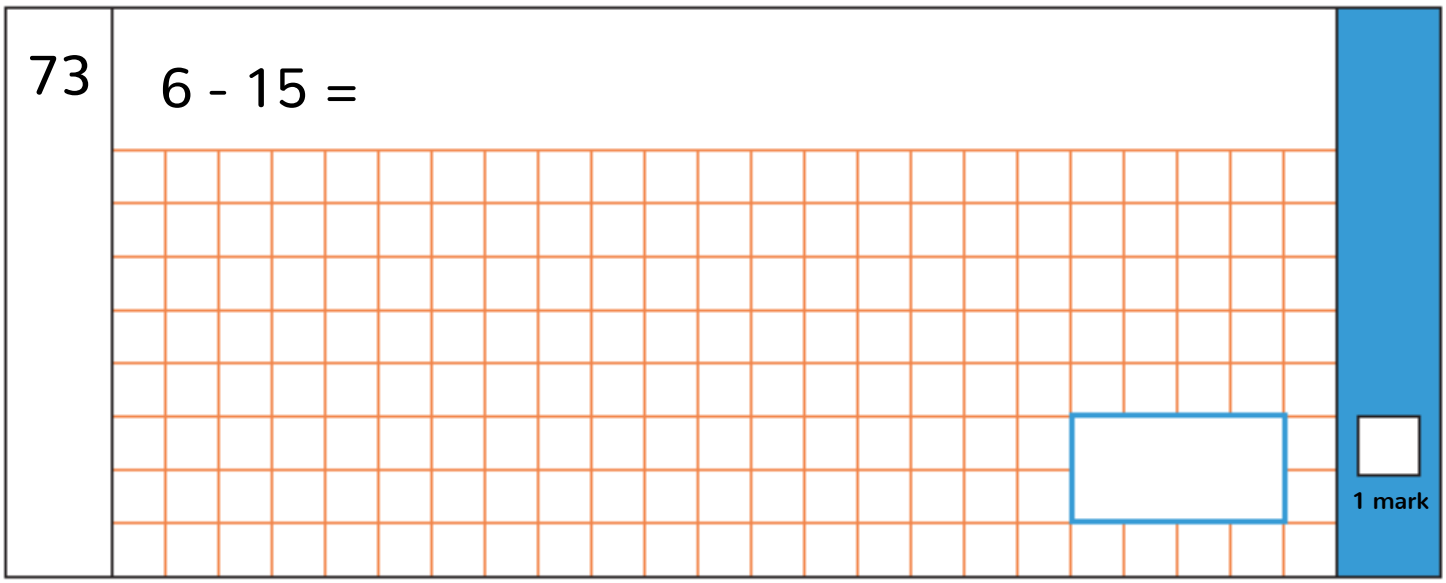
1 mark

72

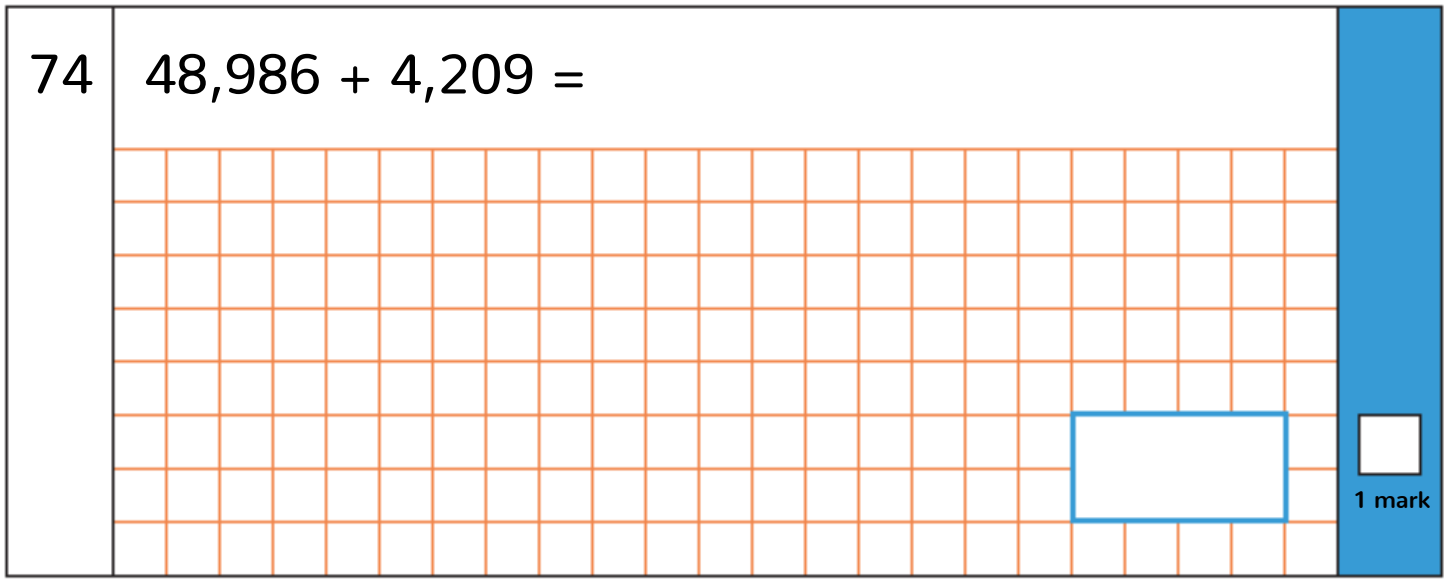
$8^2 - 3 \times 2$

1 mark

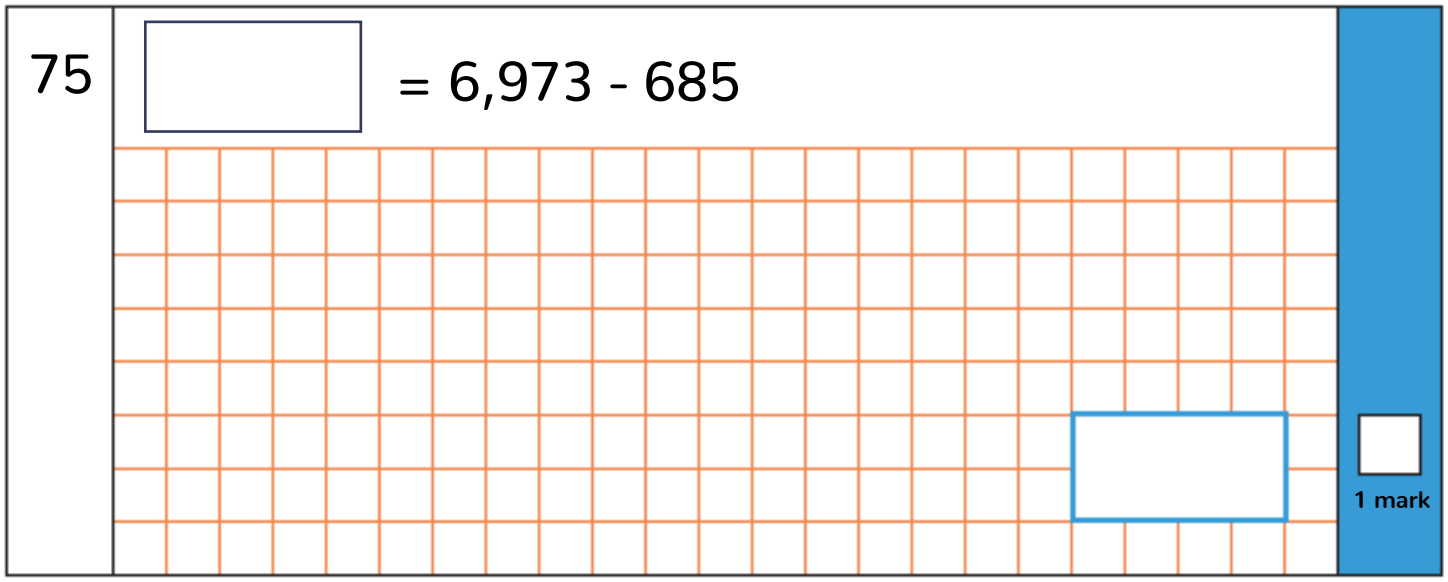
73 $6 - 15 =$



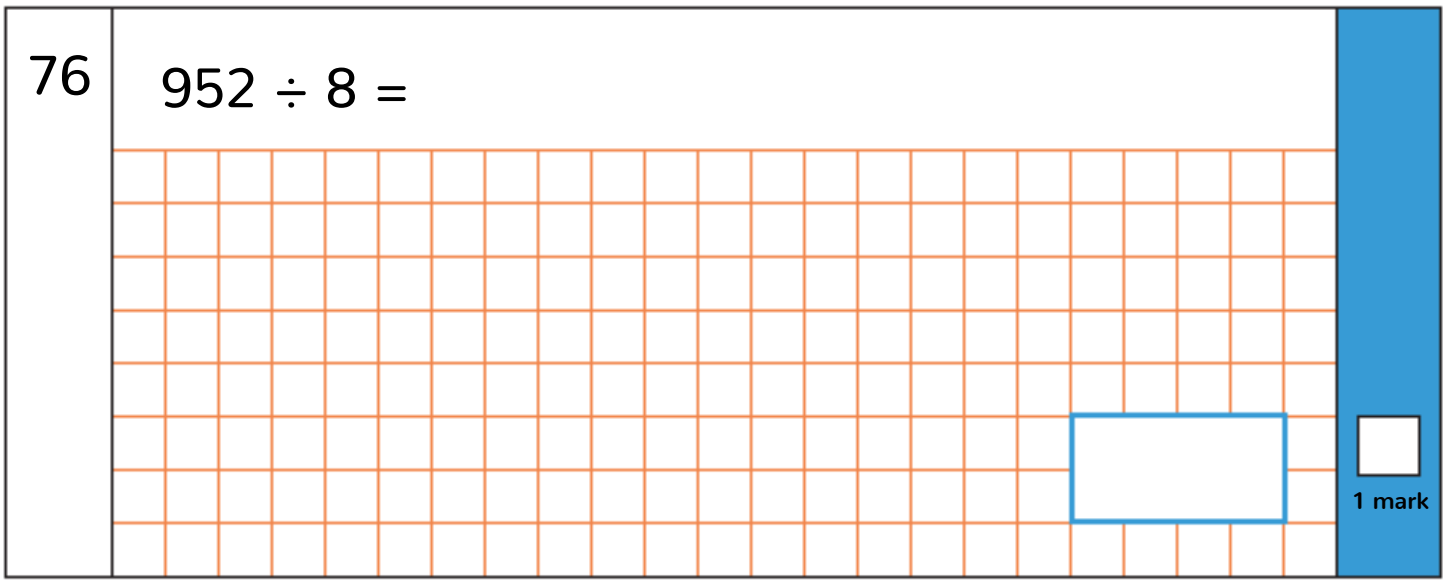
74 $48{,}986 + 4{,}209 =$



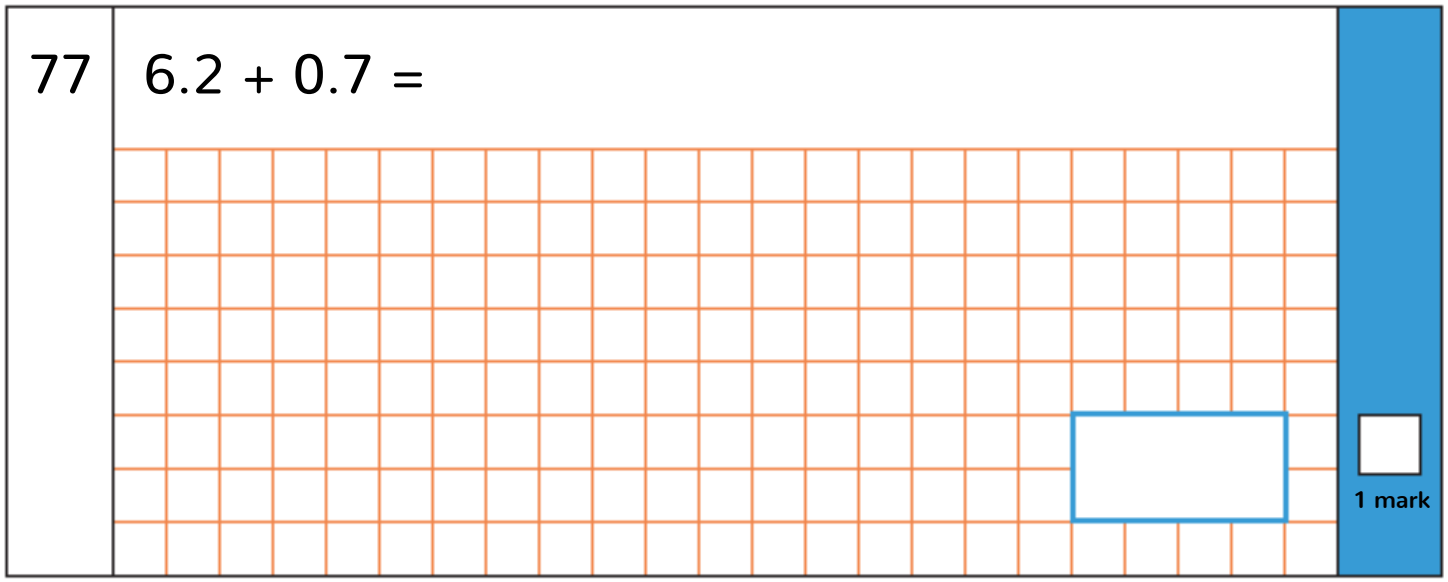
75 $\square = 6{,}973 - 685$



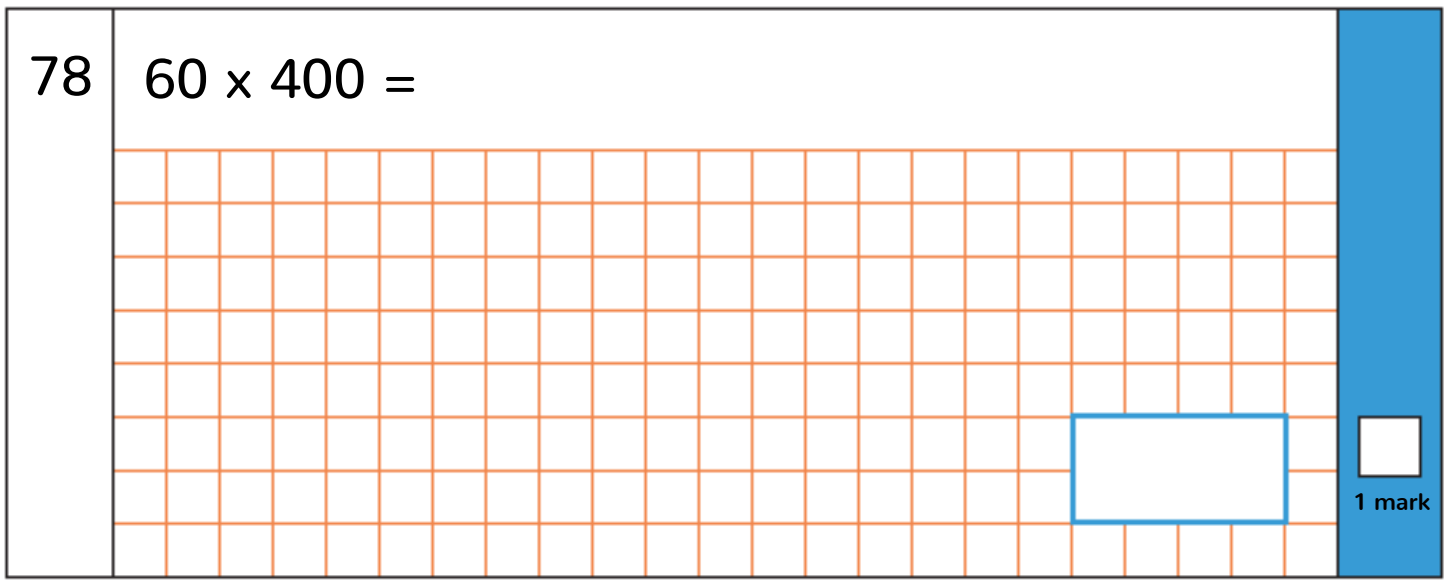
76 $952 \div 8 =$



77 $6.2 + 0.7 =$



78 $60 \times 400 =$



79 $117 = \square \times 9$

1 mark

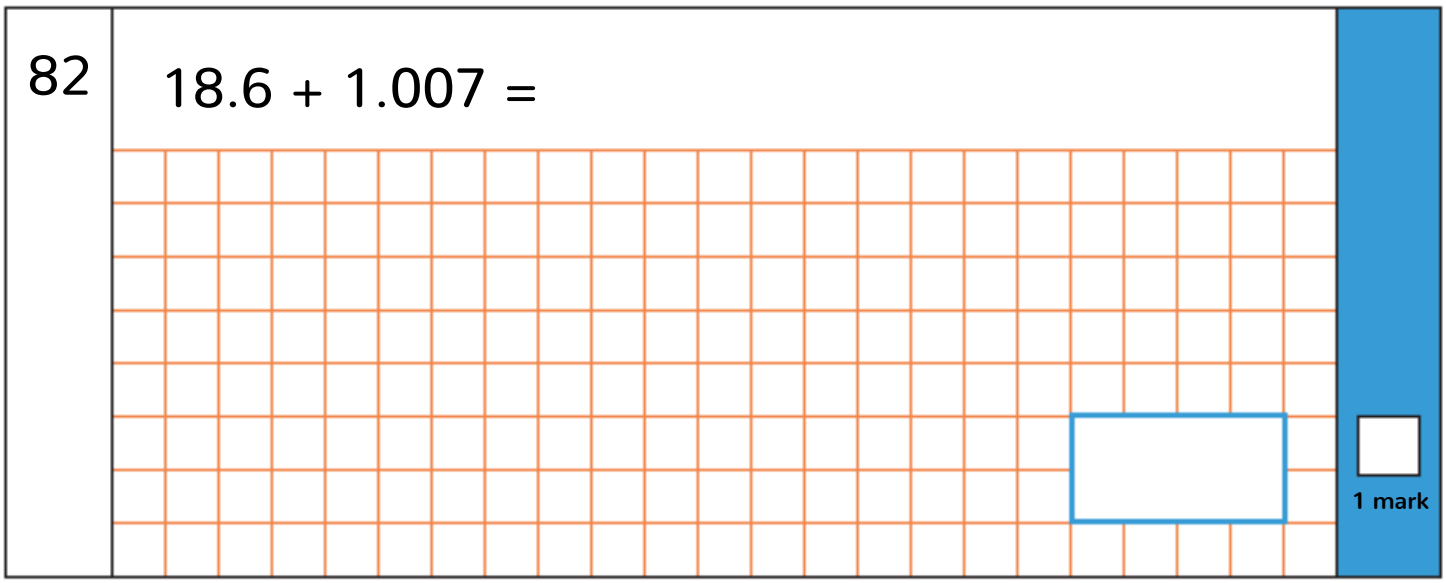
80 $\frac{6}{11} - \frac{2}{11} =$

1 mark

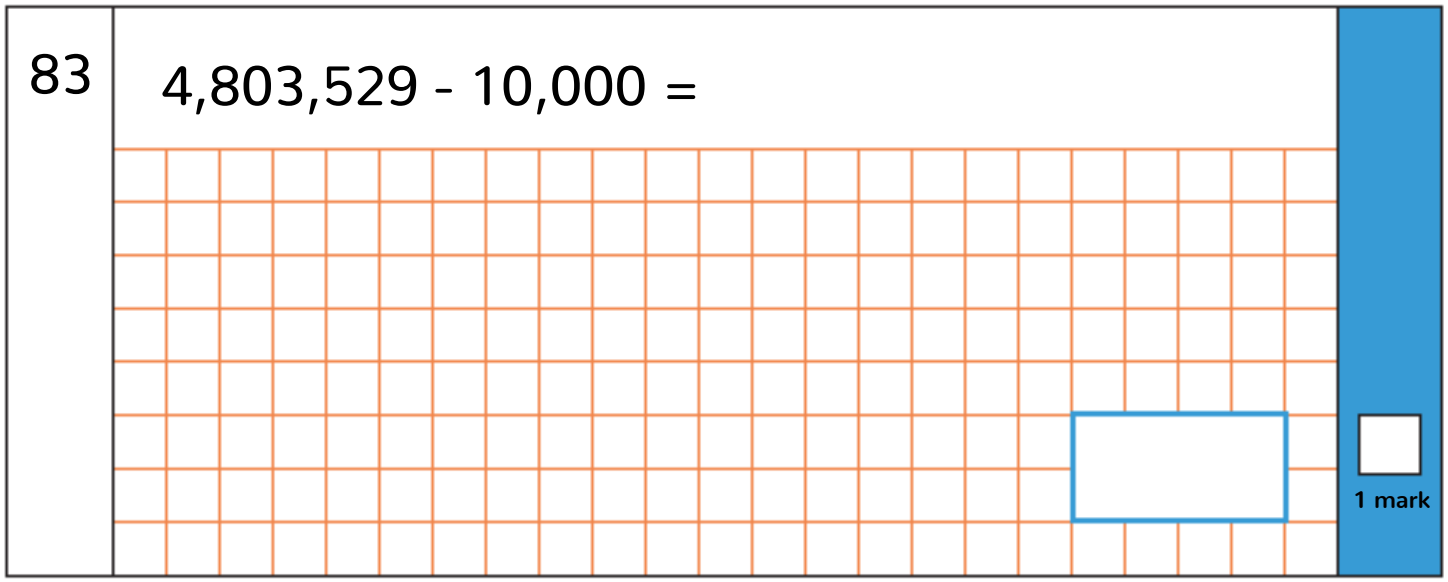
81 $582 \div 100 =$

1 mark

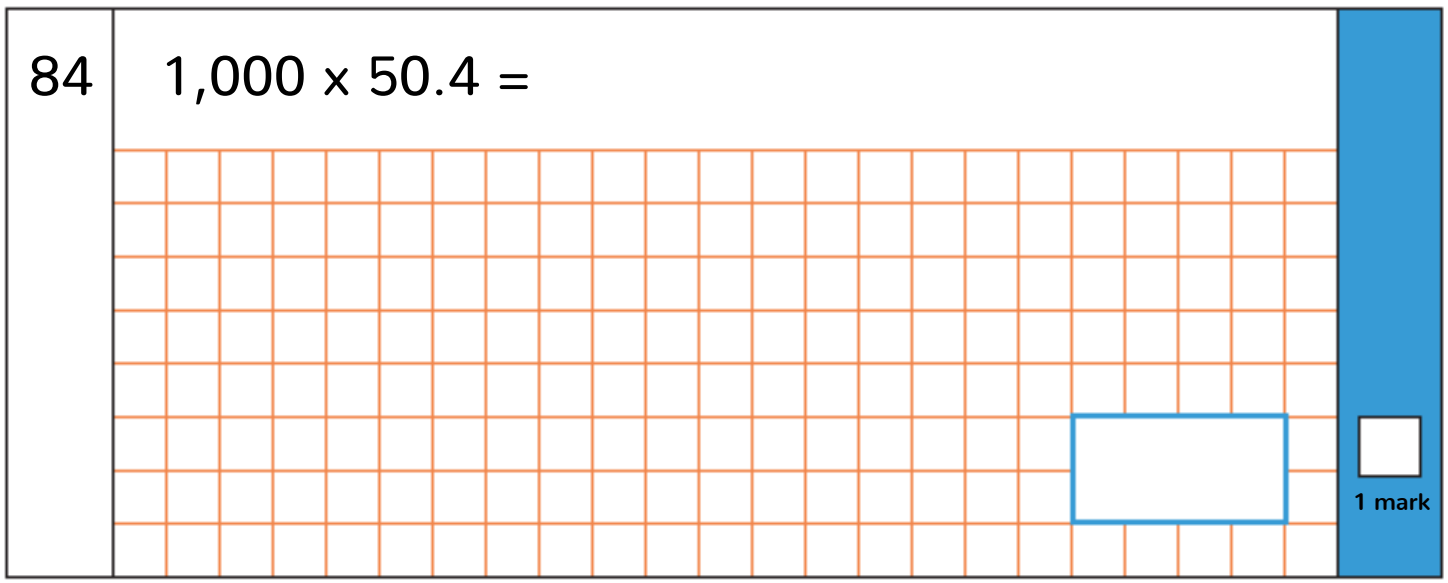
82 $18.6 + 1.007 =$



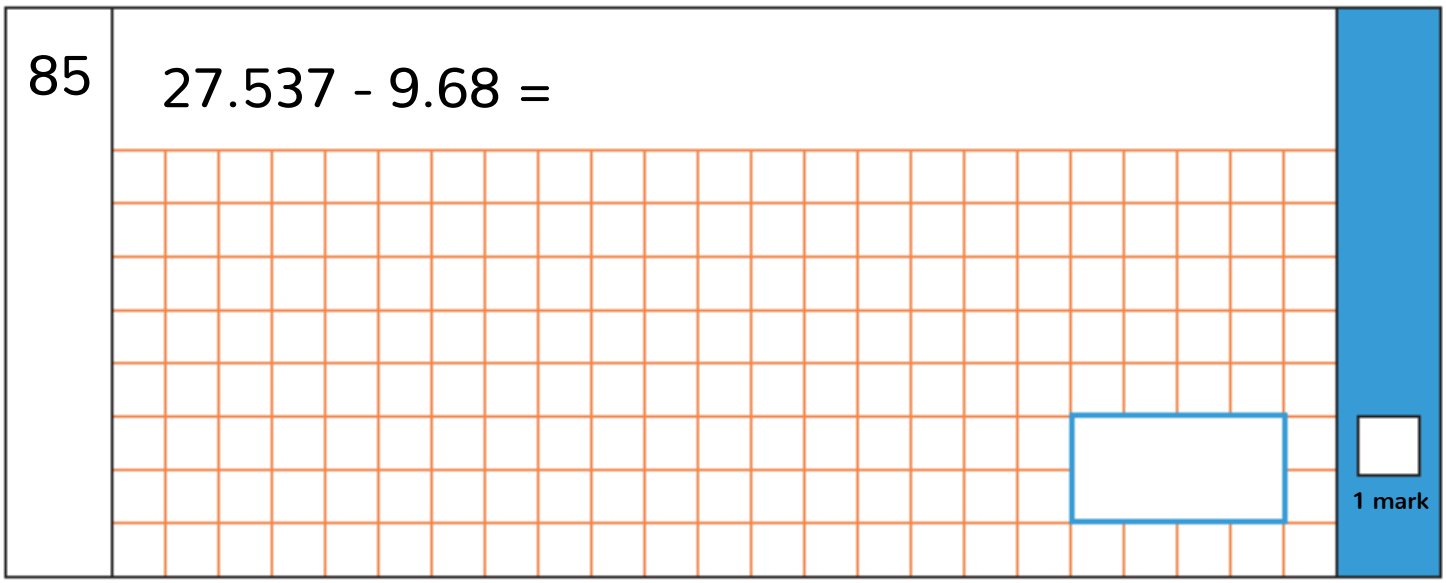
83 $4{,}803{,}529 - 10{,}000 =$



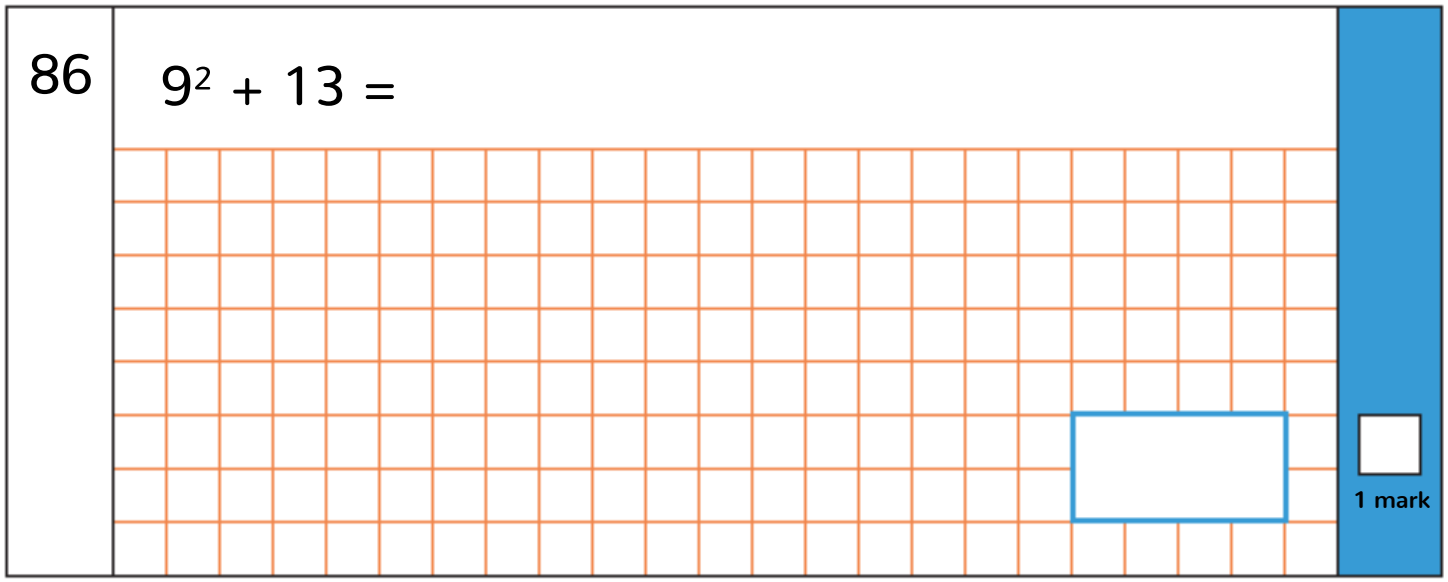
84 $1{,}000 \times 50.4 =$



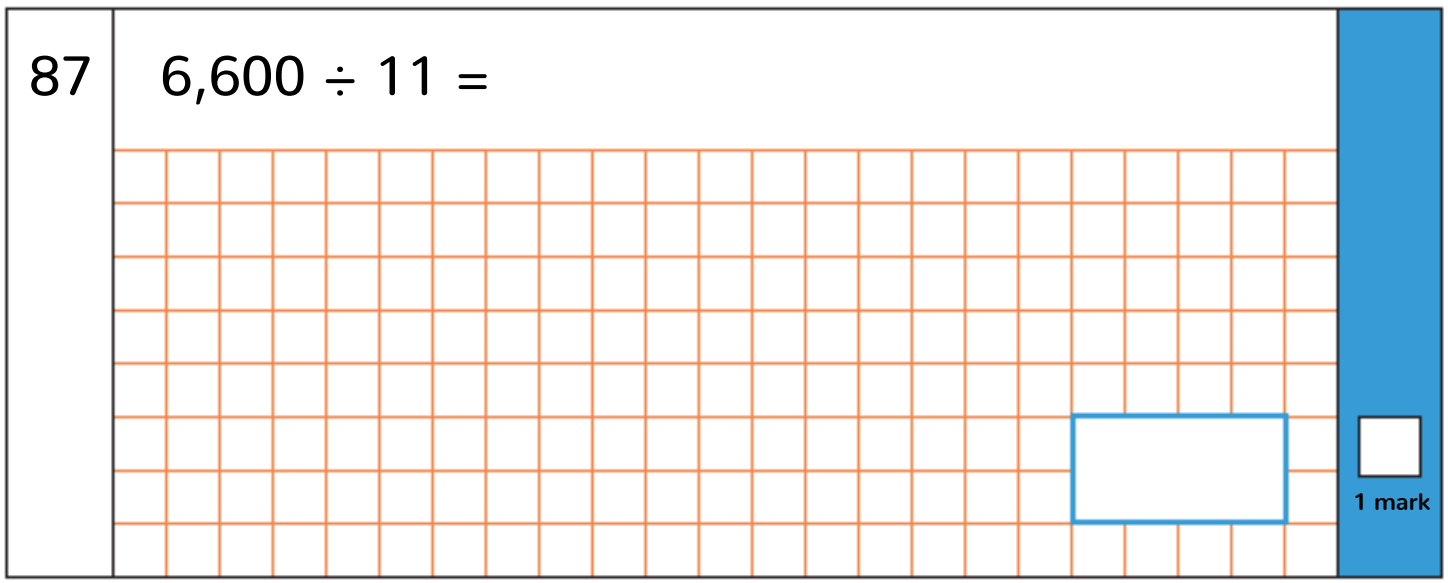
85 $27.537 - 9.68 =$



86 $9^2 + 13 =$



87 $6{,}600 \div 11 =$



88 $10{,}000{,}000 - 401 =$

1 mark

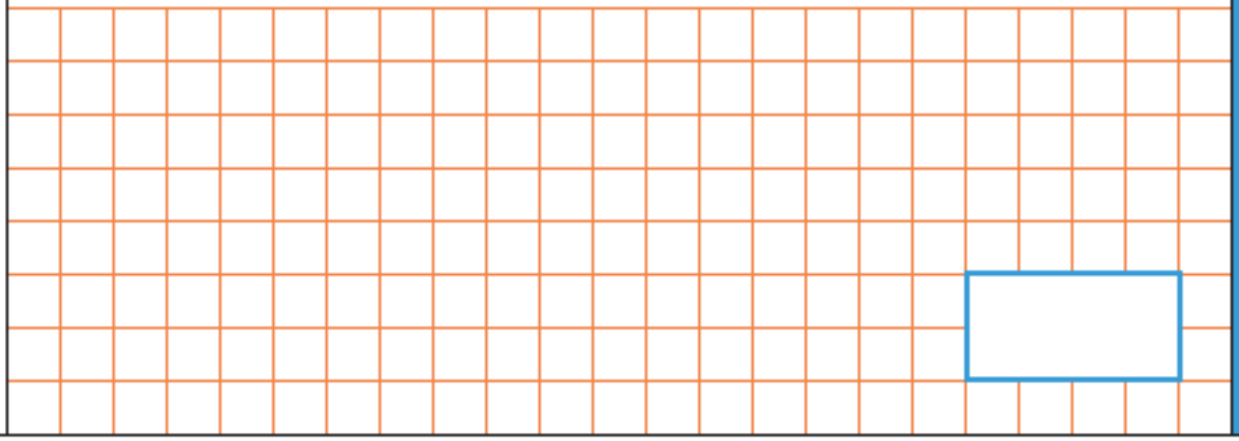
89 $\frac{1}{4} + \square = \frac{9}{12}$

1 mark

90 $\frac{7}{9}$ + of 360 =

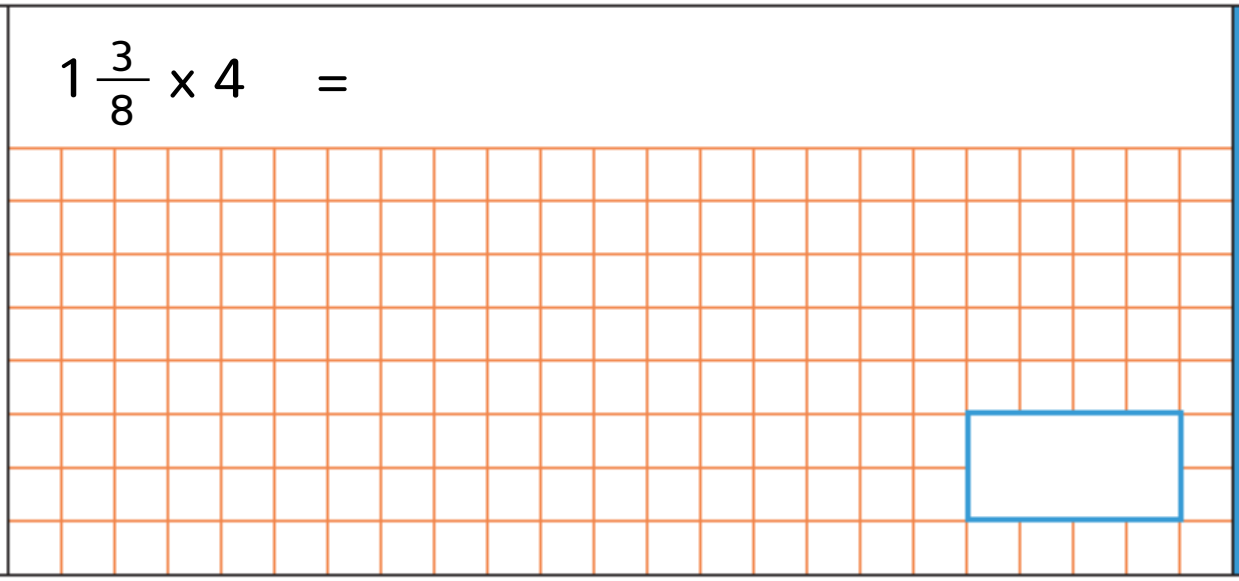
1 mark

91 $3.67 \times 9 =$



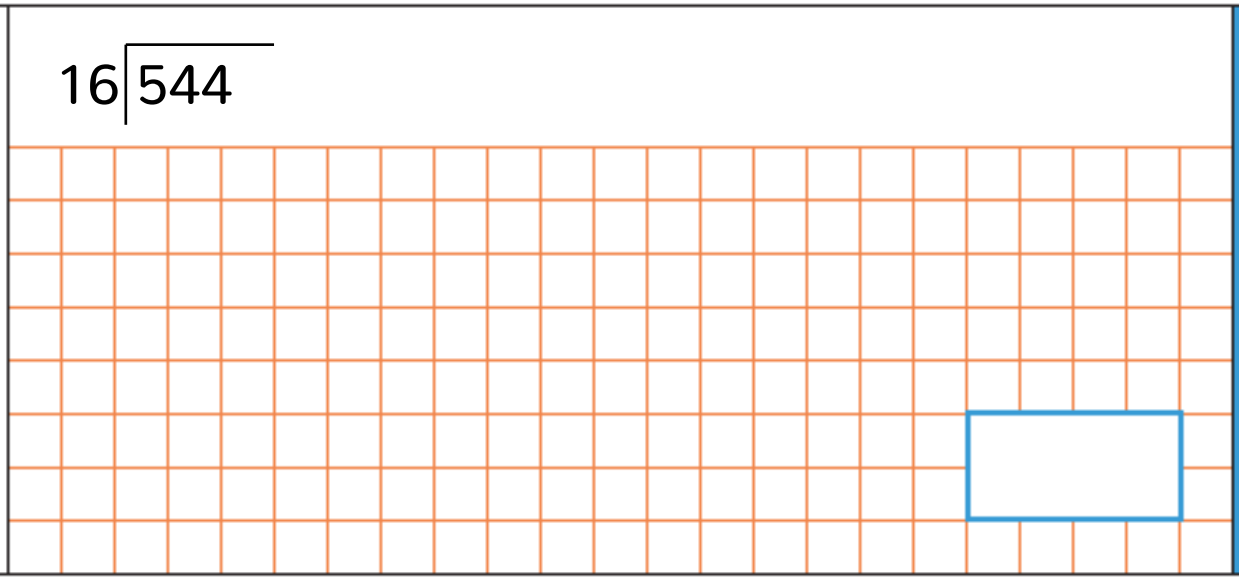
1 mark

92 $1\frac{3}{8} \times 4 =$



1 mark

93 $16\overline{)544}$



1 mark

94 $\frac{6}{7} \div 6 =$

1 mark

95

$$\begin{array}{r} 47 \\ \times\ 34 \\ \hline \end{array}$$

Show your method

1 mark

96 60% of 4,800 =

1 mark

97 $6 + 3 \times 8 =$

1 mark

98 $29\overline{)1392}$

1 mark

99 $2\frac{1}{5} - 1\frac{1}{3} =$

1 mark

100

	6	0	3	9
x			5	8

Show your method

1 mark

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