

100 Arithmetic Questions for SATs

SATs-style Practice Questions

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

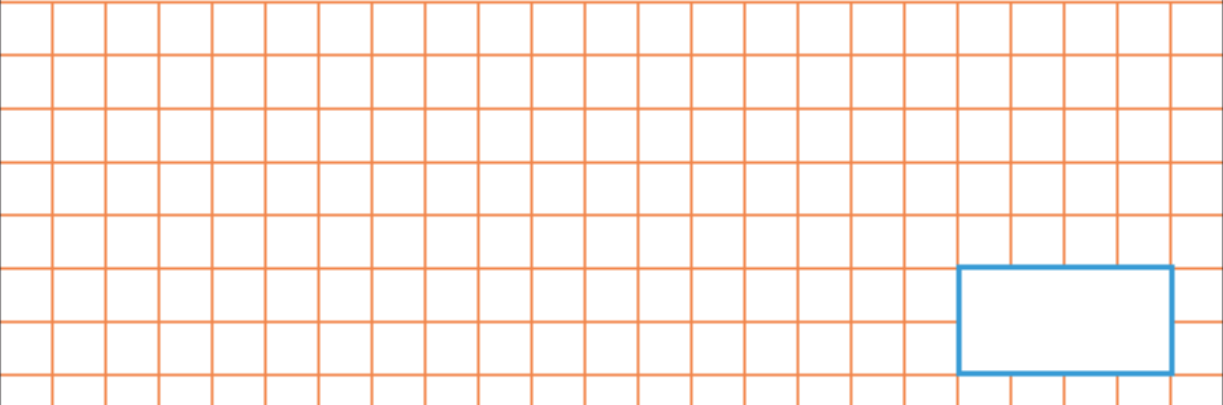
The number under each box at the side of the page tells you the number of marks available for each question.

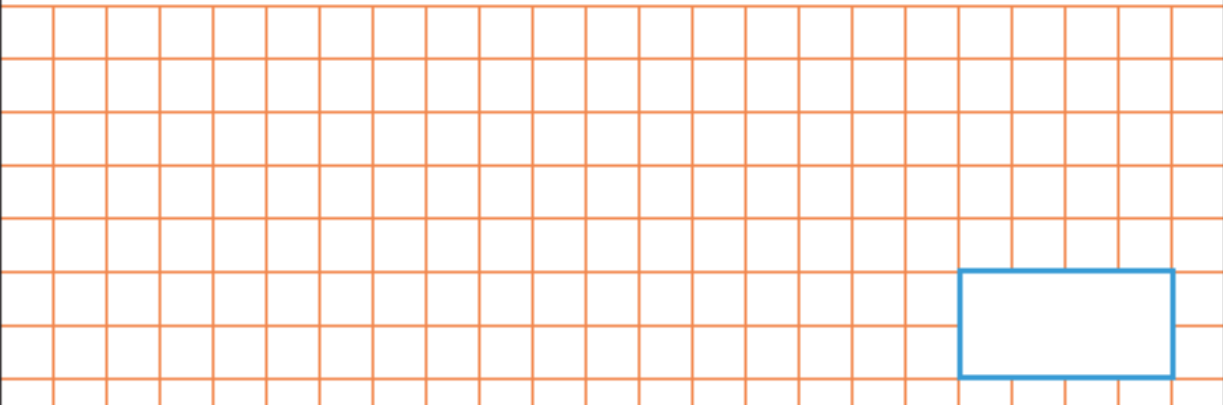
In this practice paper, long division and long multiplication questions are worth **2 marks each**.

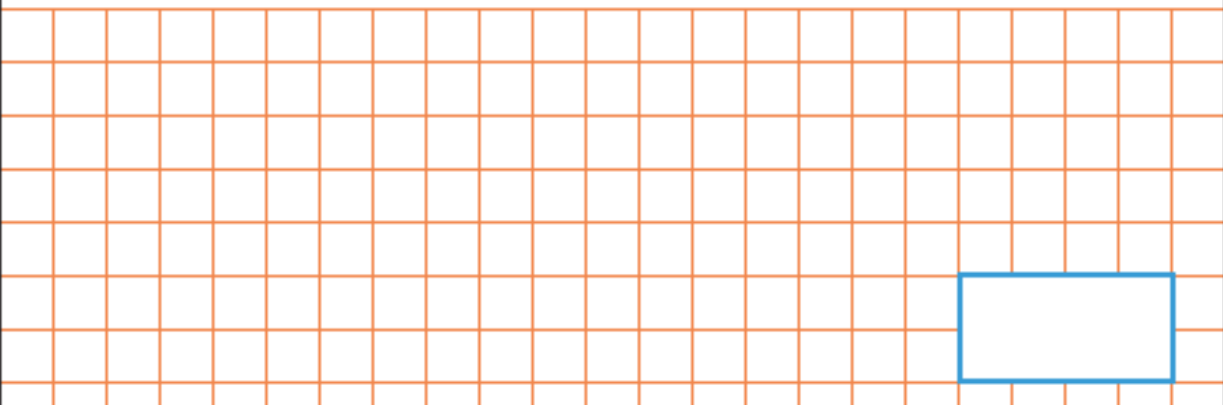
You will be awarded **2 marks** for a correct answer.

You may get **1 mark** for showing a formal method.

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

1	$997 + 10 =$		 1 mark
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2	$39 + 621 =$		 1 mark
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3	$1,023 - 100 =$		 1 mark
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4

$$\boxed{} = 607 + 598$$

1 mark

5

$$396 - 9 =$$

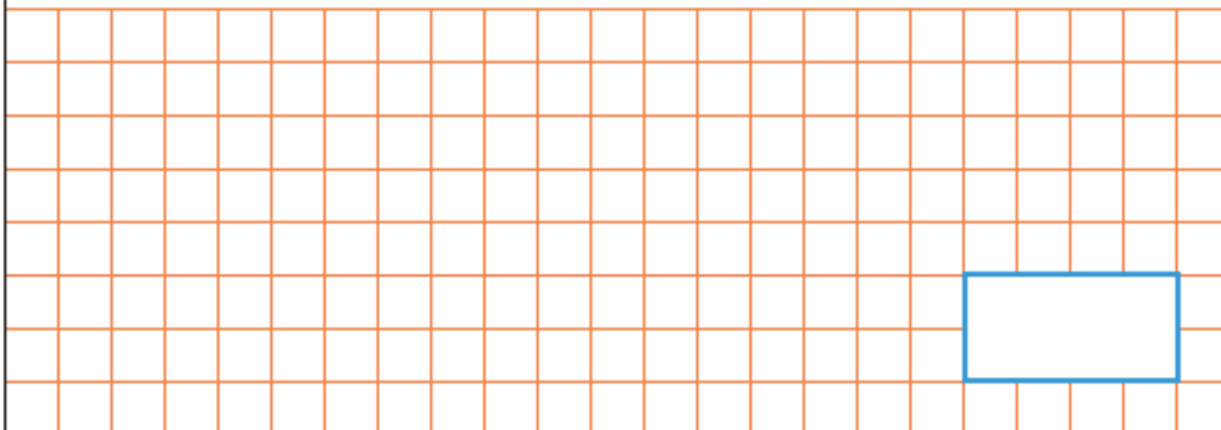
1 mark

6

$$542 \times \boxed{} = 542$$

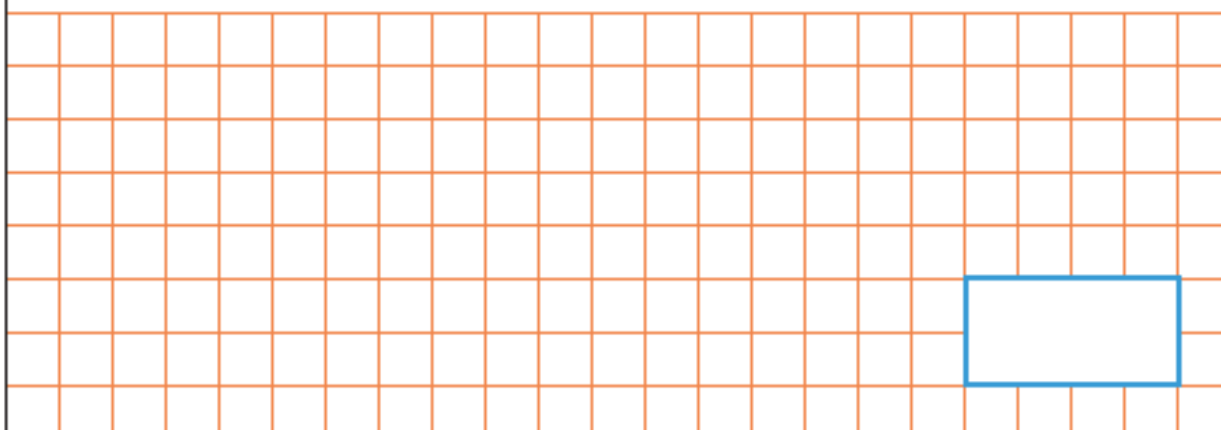
1 mark

7 $86 \div 2 =$

☐

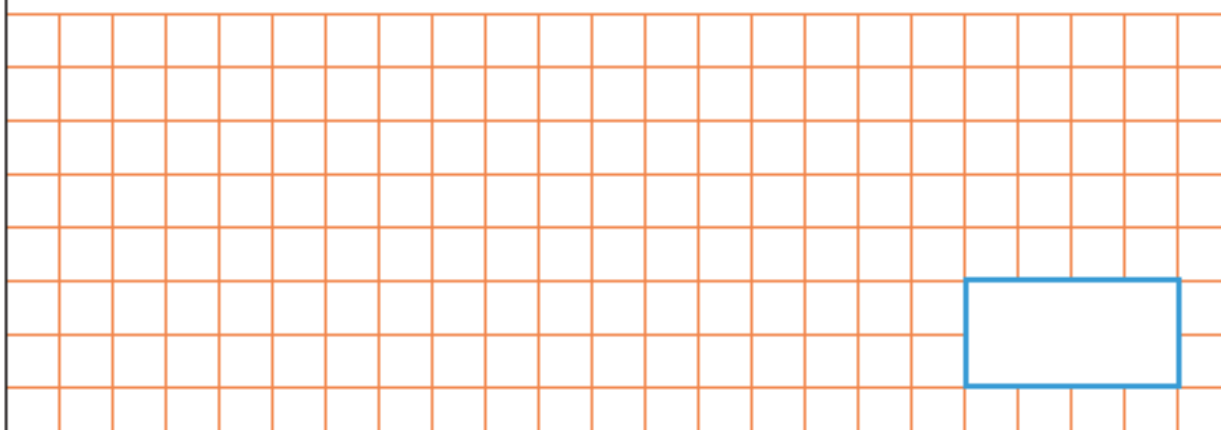
1 mark

8 $= 1,000 - 75$

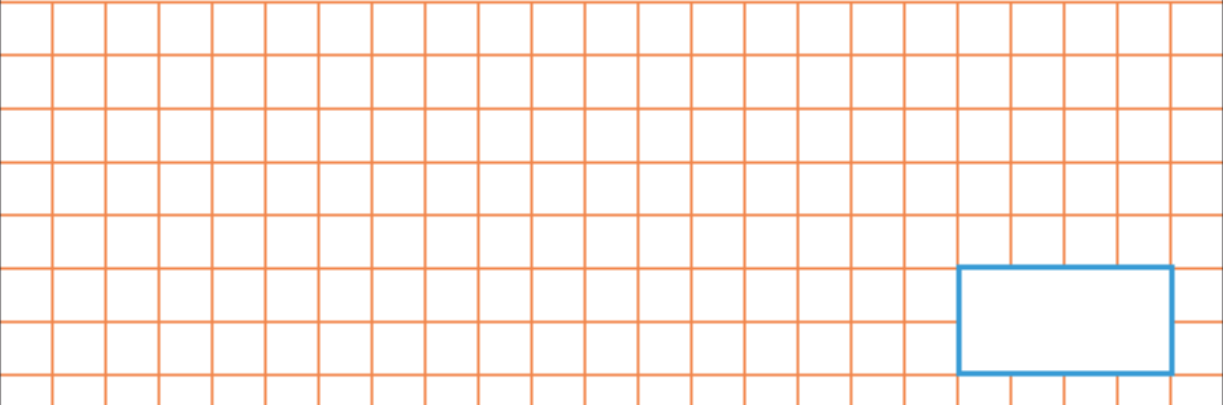
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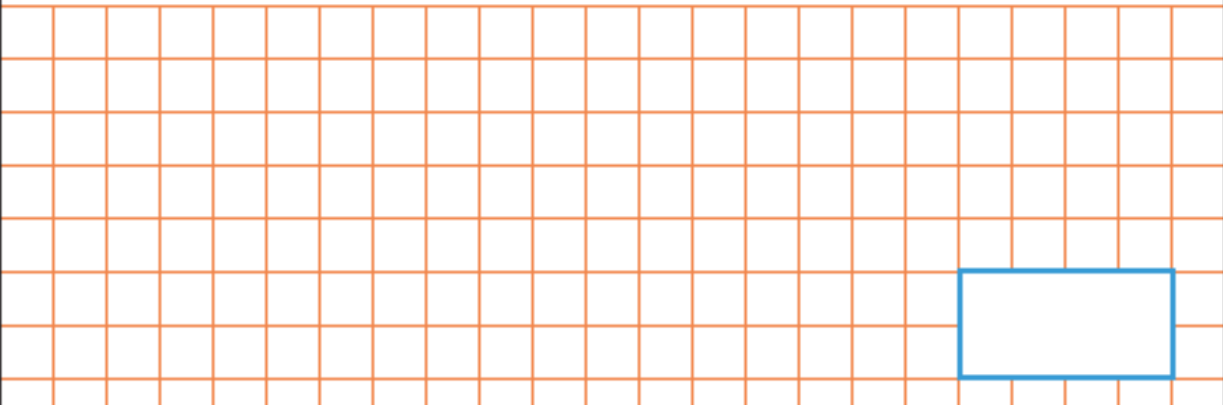
1 mark

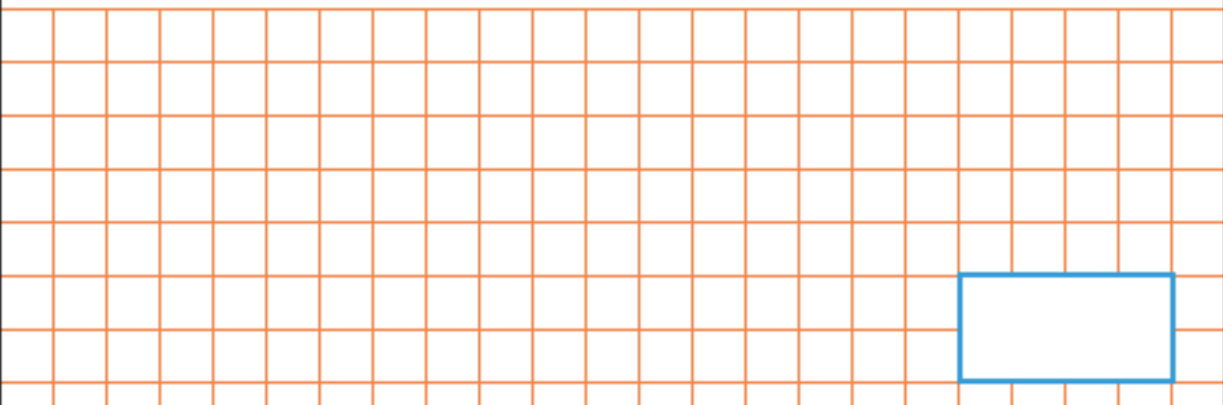
9 $79,968 + 3,403 =$

☐

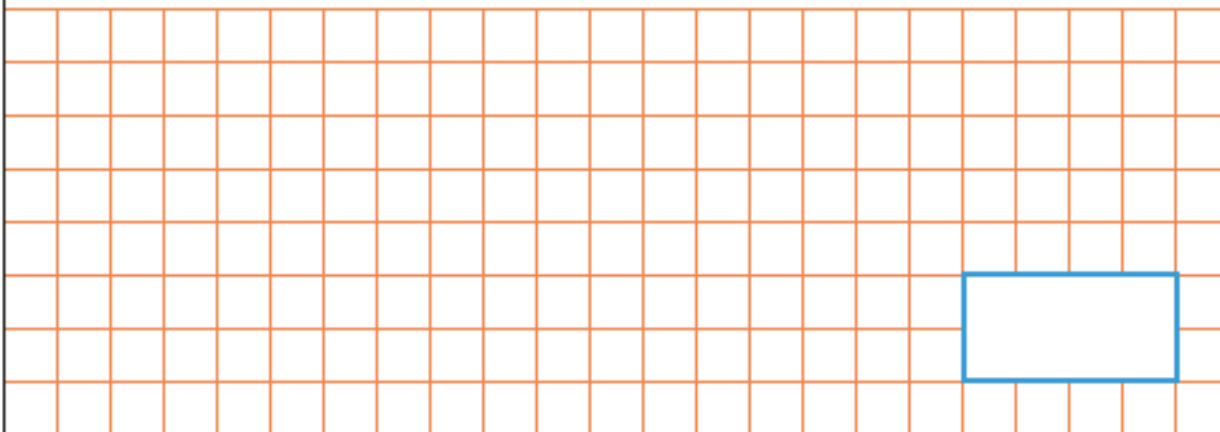
1 mark

10	$3 \times 6 \times 5 =$			1 mark
				

11	$768 \times 5 =$			1 mark
				

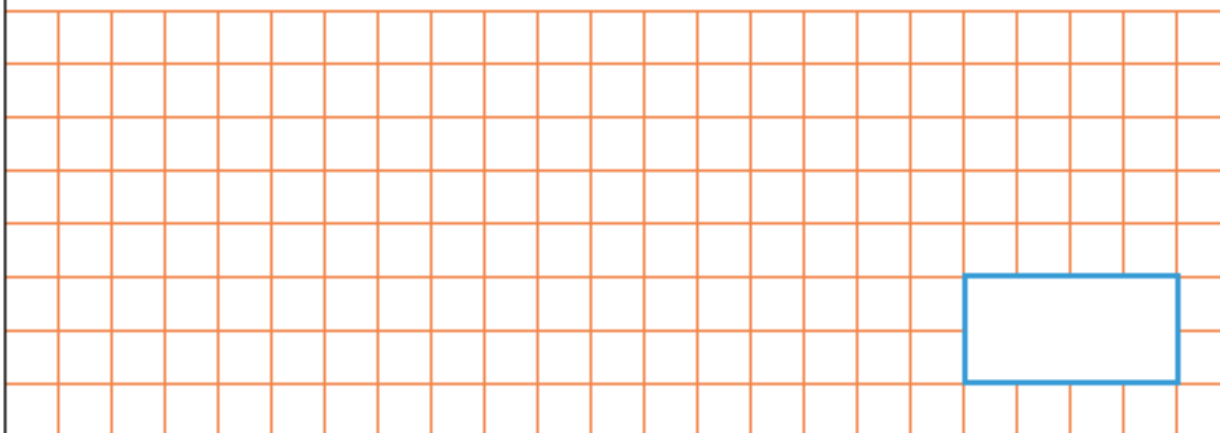
12	$90 \times 40 =$			1 mark
				

13 $902 \div 100 =$

☐

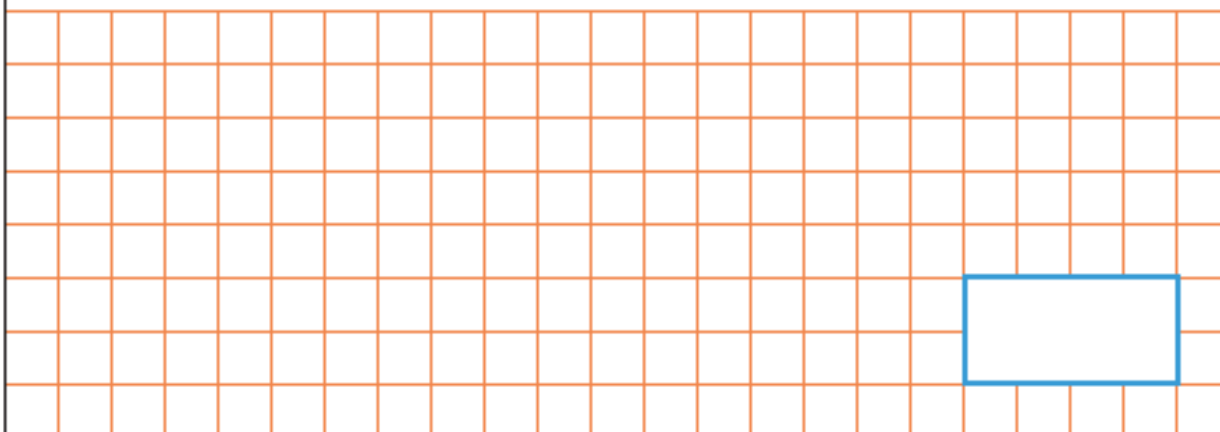
1 mark

14 $2.061 + 5.52 =$

☐

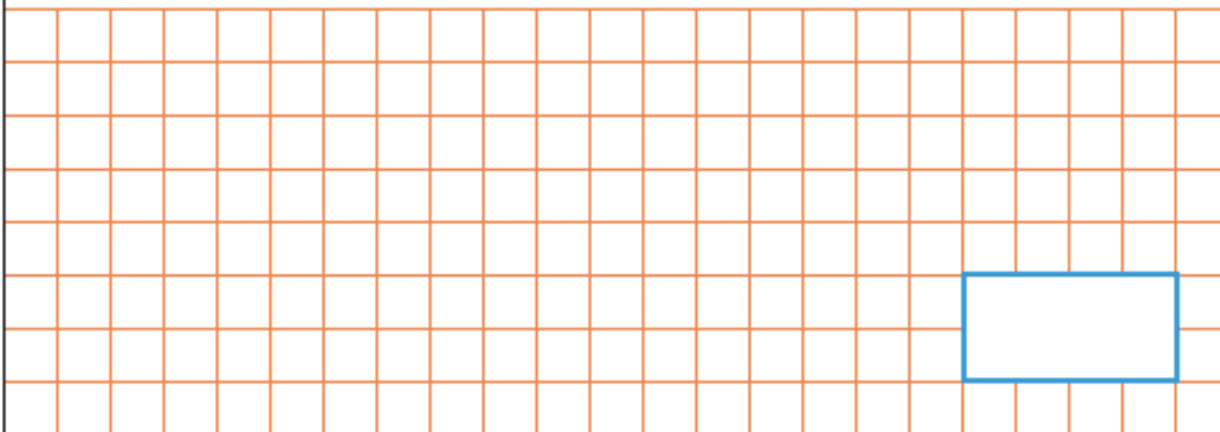
1 mark

15 $267.54 - 93.4 =$

☐

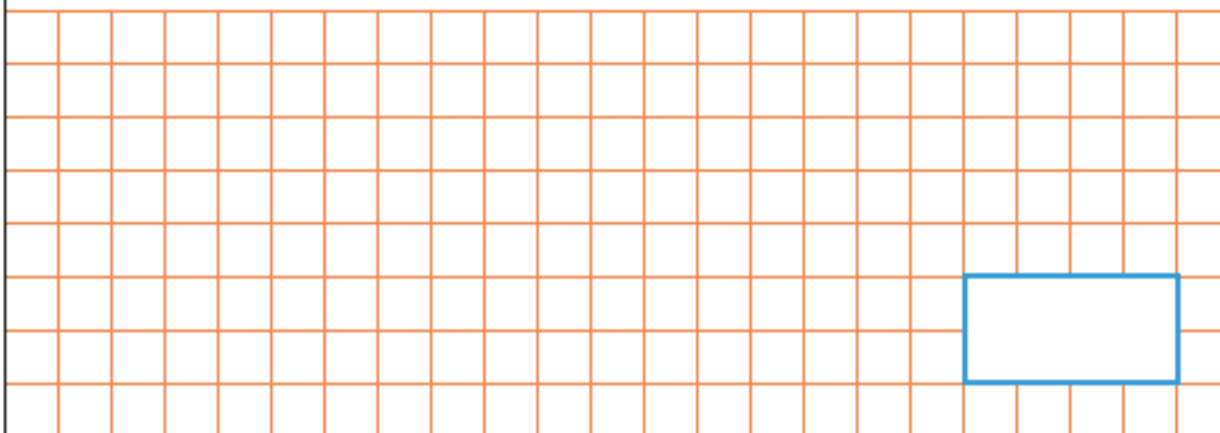
1 mark

16 $536 \div 4 =$

☐

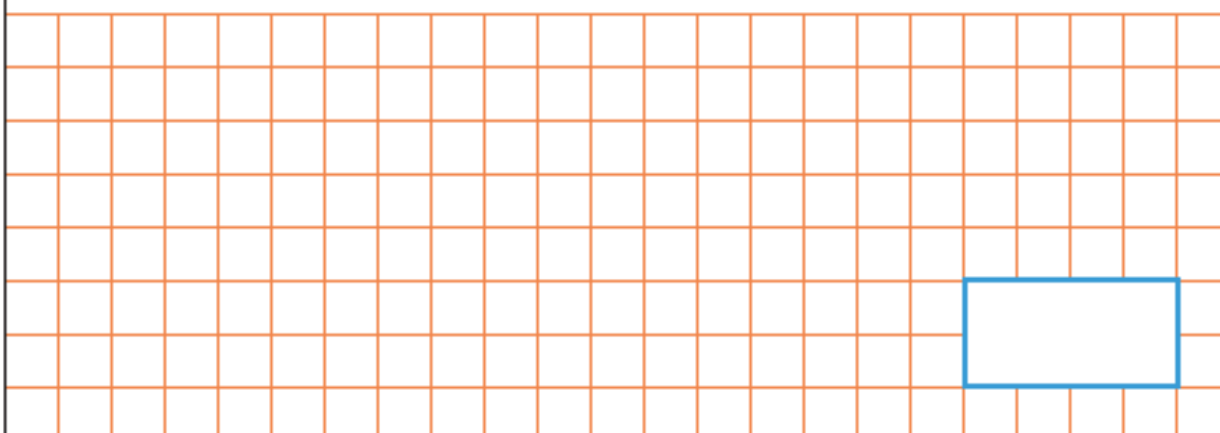
1 mark

17 $284,381 - 13,999 =$

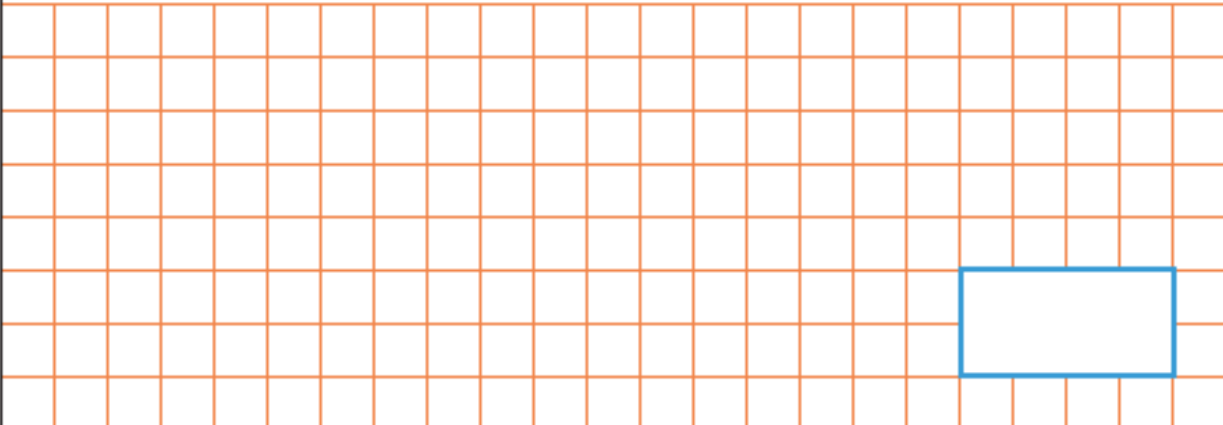
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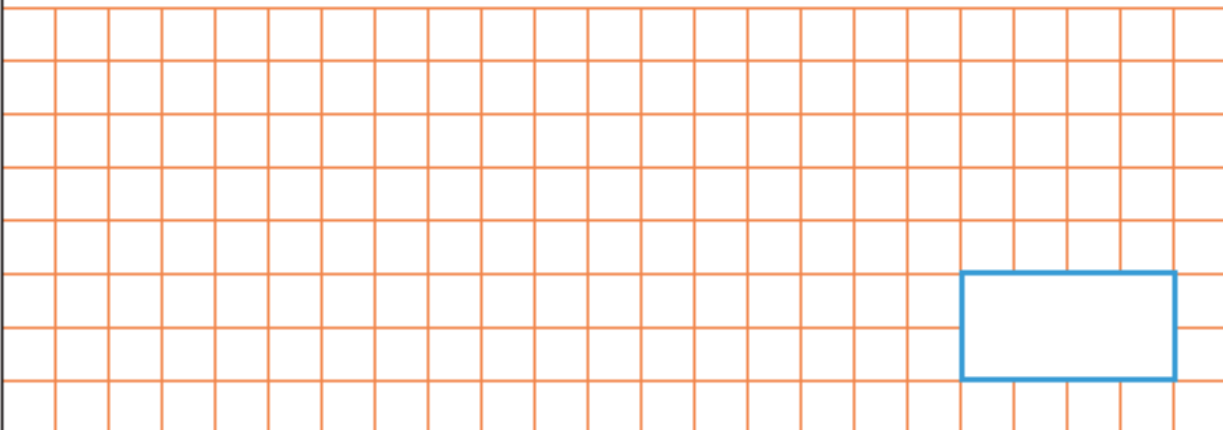
1 mark

18 $5^2 - 14 =$

☐

1 mark

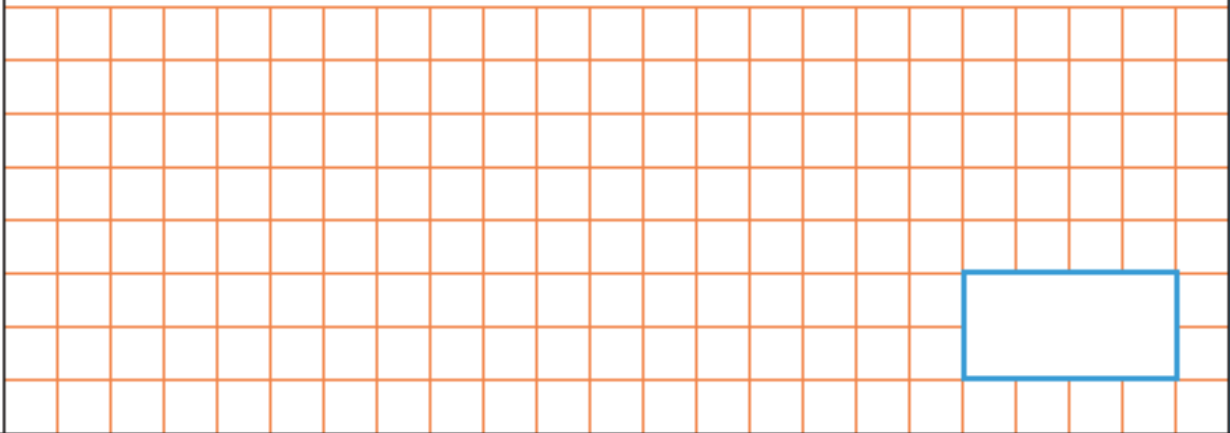
19		$= 1.007 \times 10$		1 mark
				

20	$8 - 1.99 =$		1 mark
			

21	$\begin{array}{r} 62 \\ \times 25 \\ \hline \end{array}$		1 mark
			

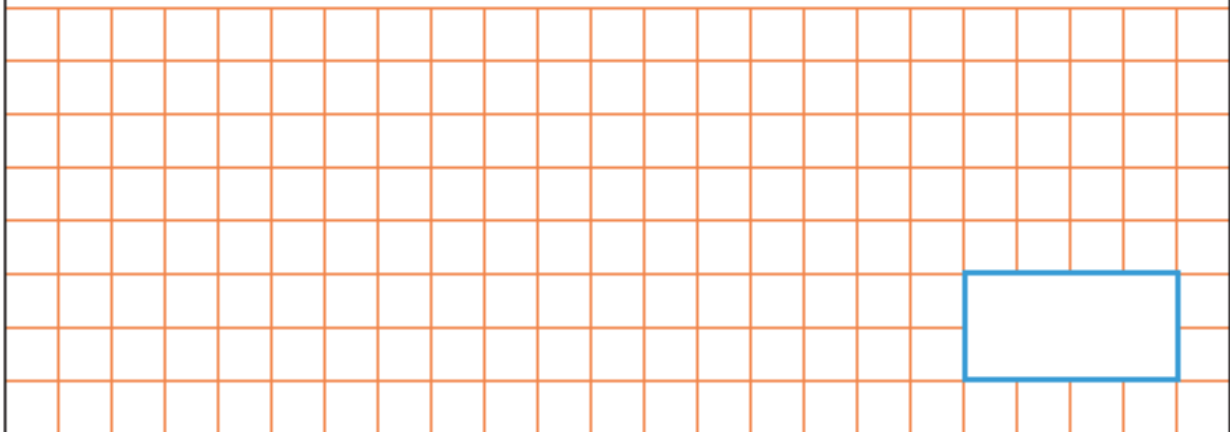
Show
your
method

22 $30\% \text{ of } 2,400 =$

☐

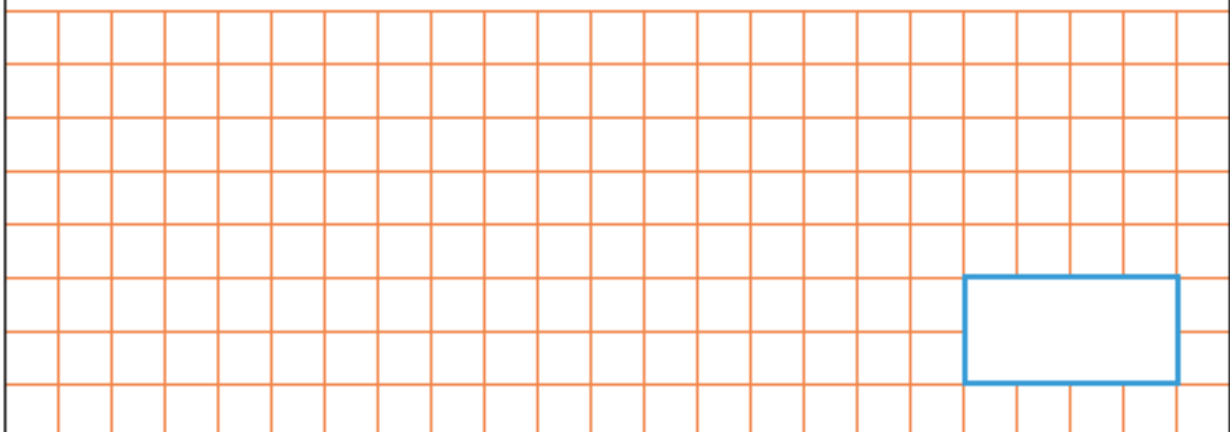
1 mark

23 $1,265 \div 11 =$

☐

1 mark

24 $23 \times 5.4 =$

☐

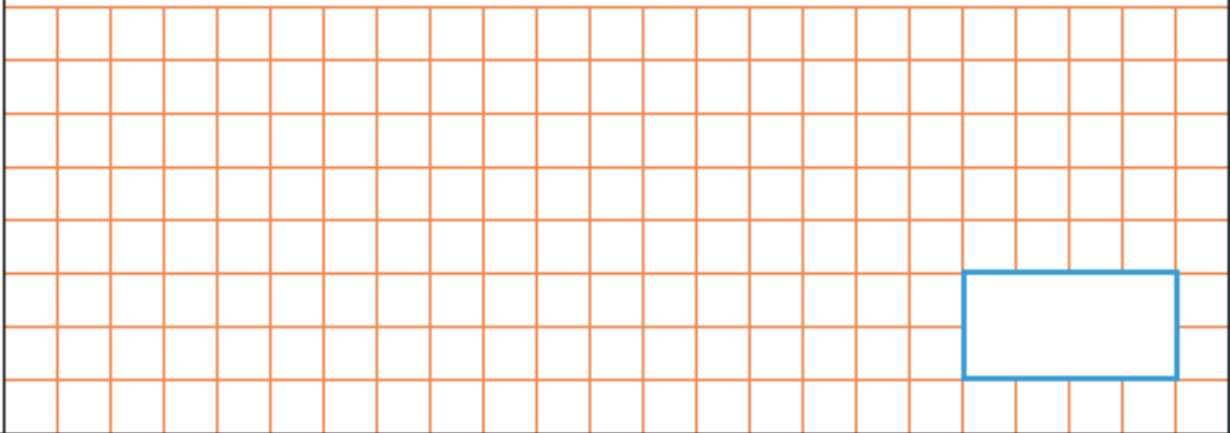
1 mark

25	$\frac{4}{9} + \frac{7}{9} =$	1 mark

26	$3 - 12 =$	1 mark

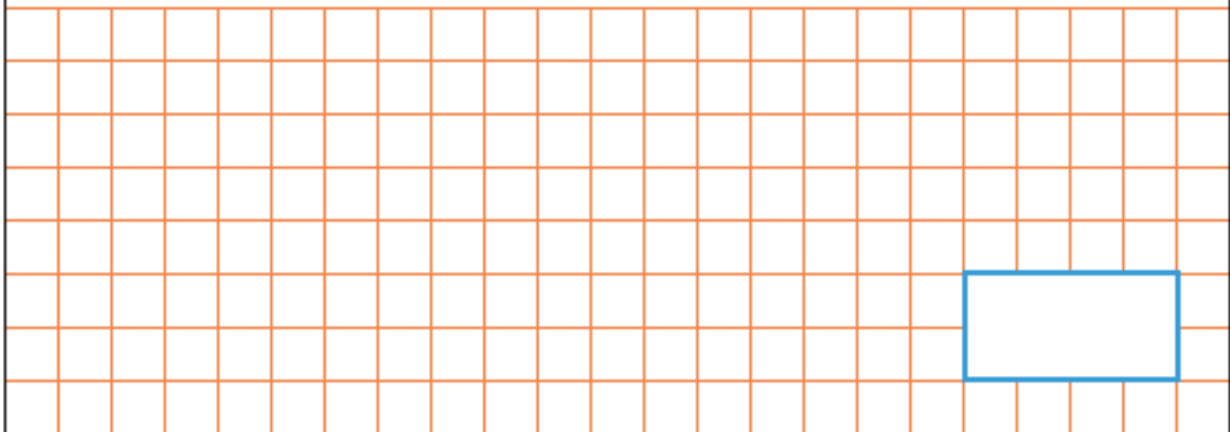
27	$91 = $ $ \times 7$	1 mark

28 $263 \div 100 =$



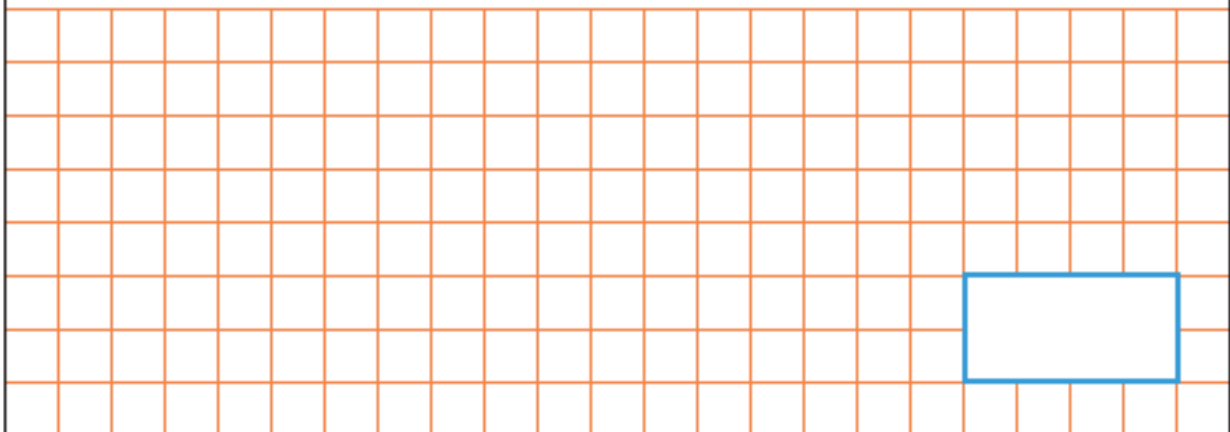
1 mark

29 $26.8 + 1.002 =$



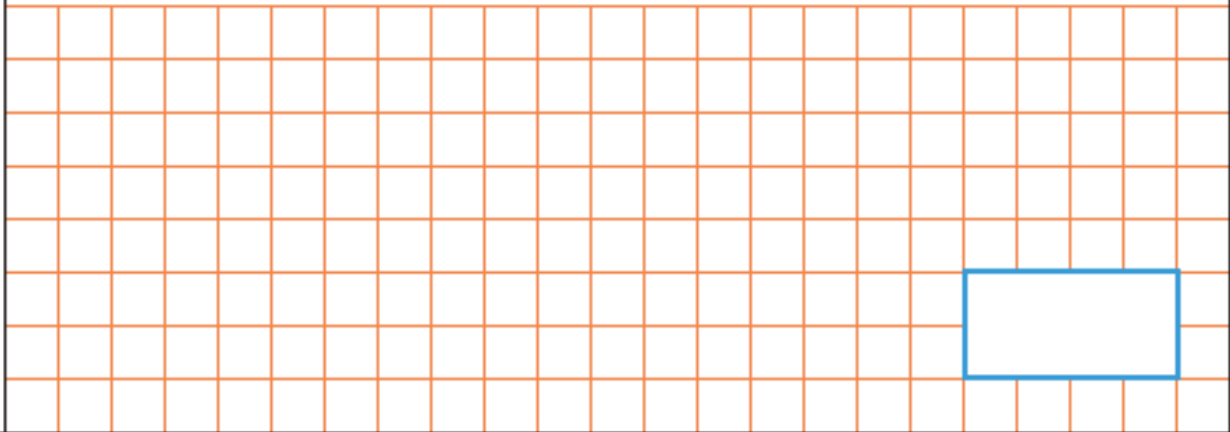
1 mark

30 $40 \times 300 =$



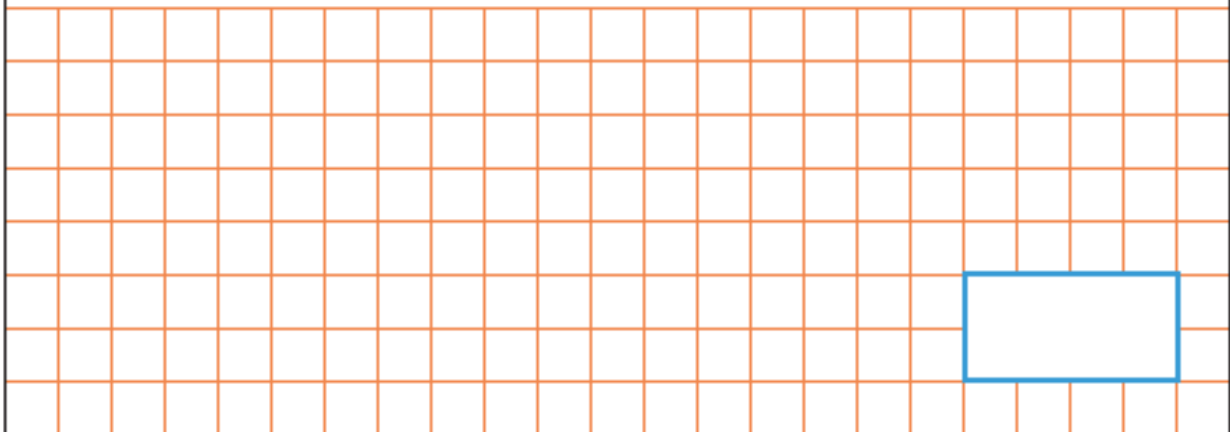
1 mark

31 $2,407,562 - 10,000 =$



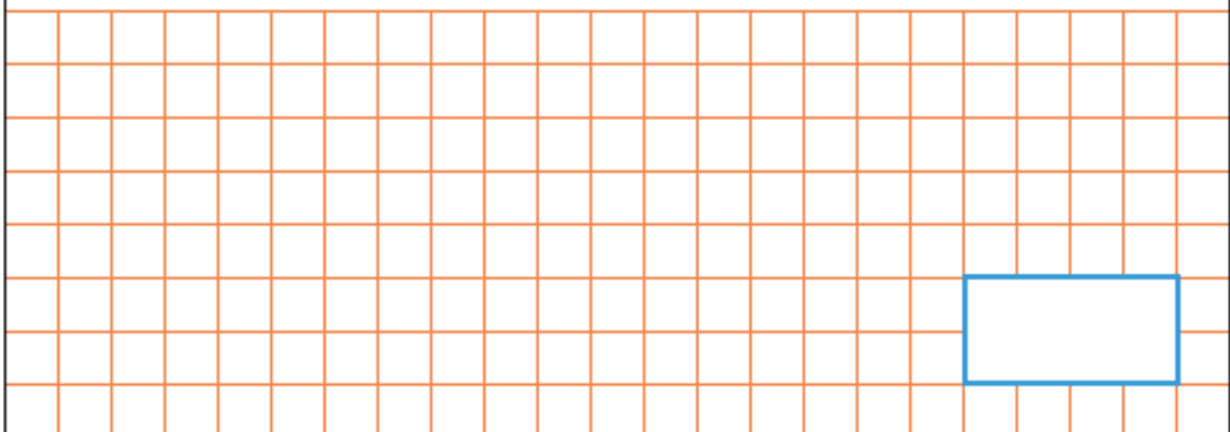
1 mark

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



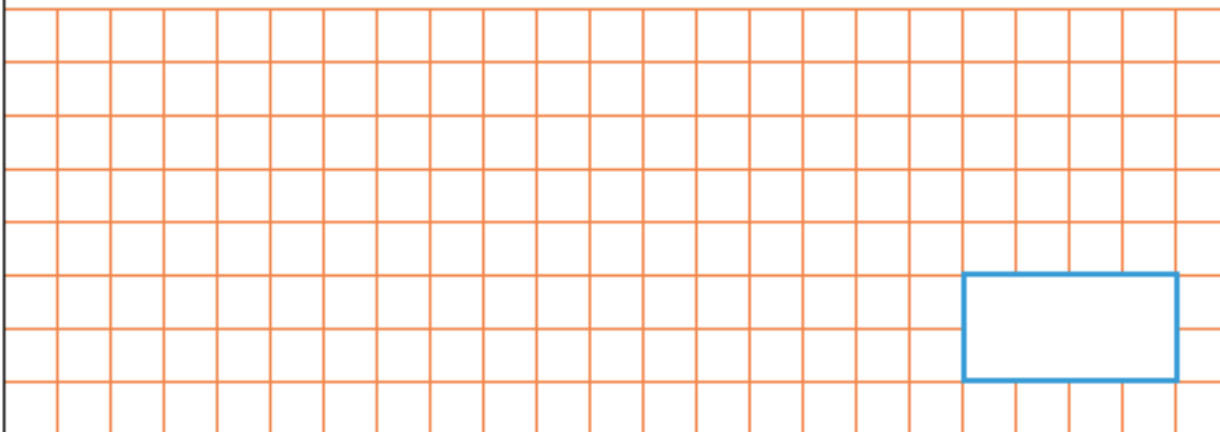
1 mark

33 $1,000 \times 30.7 =$



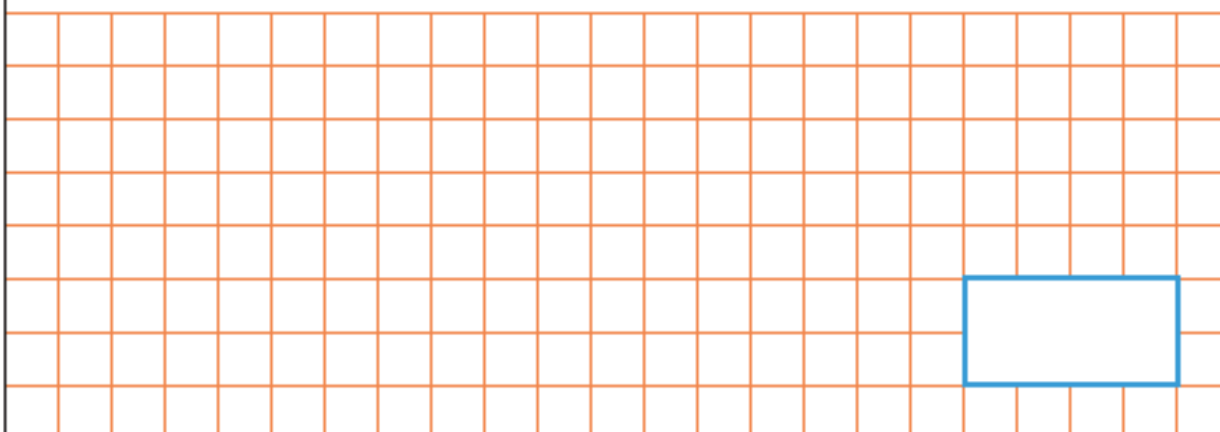
1 mark

34 $7,700 \div 11 =$

☐

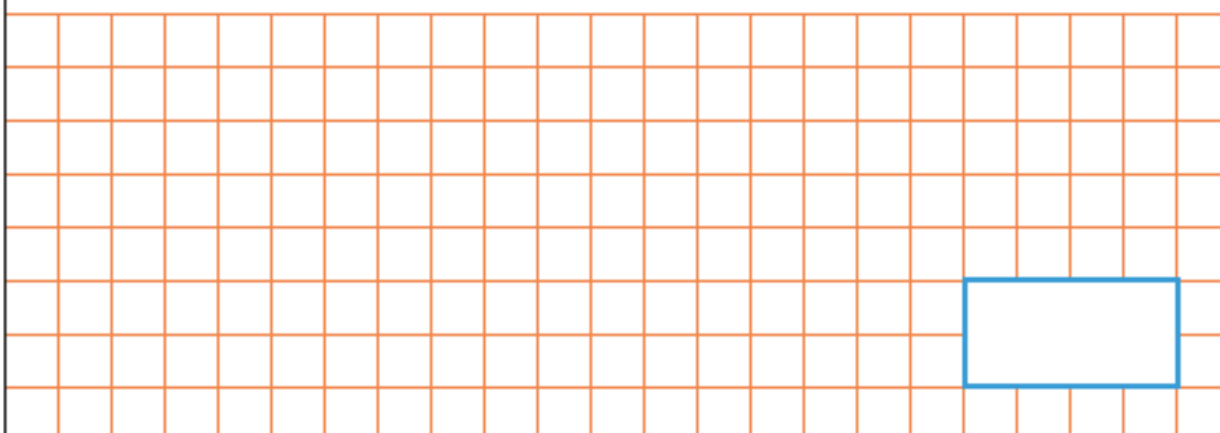
1 mark

35 $24.325 - 9.63 =$

☐

1 mark

36 $10,000,000 - 101 =$

☐

1 mark

37	$\frac{1}{6} + \boxed{} = \frac{5}{12}$	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	$2.56 \times 7 =$	1 mark

42		1 mark

Show your method	1	9	4	5	6

43 $30\% \text{ of } 3,200 =$

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			 2 marks

2 7 | 1 4 3 1

Show your method

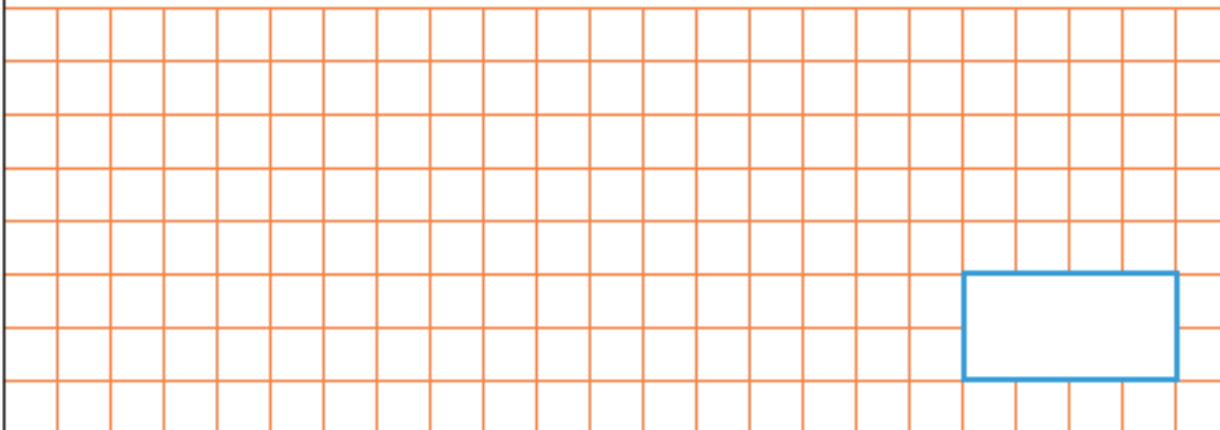
48	$\frac{4}{7} \times \frac{5}{8} =$		 1 mark

49	$\begin{array}{r} 5208 \\ \times \quad 76 \\ \hline \end{array}$	Show your method		1 mark

50	$3\frac{1}{4} - 1\frac{2}{3} =$			2 marks

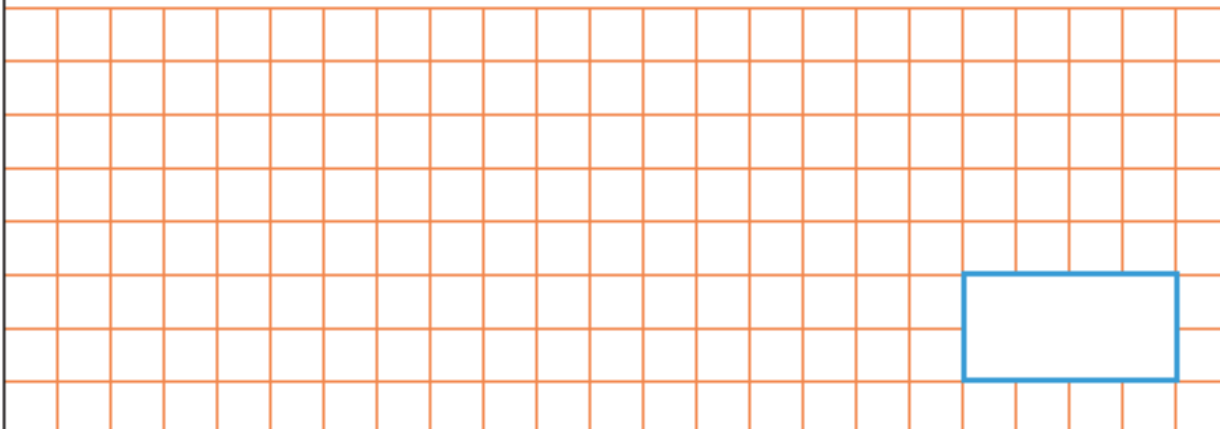
51	$\frac{6}{7} \div 4 =$			2 marks

52 $44 \times 2 =$

☐

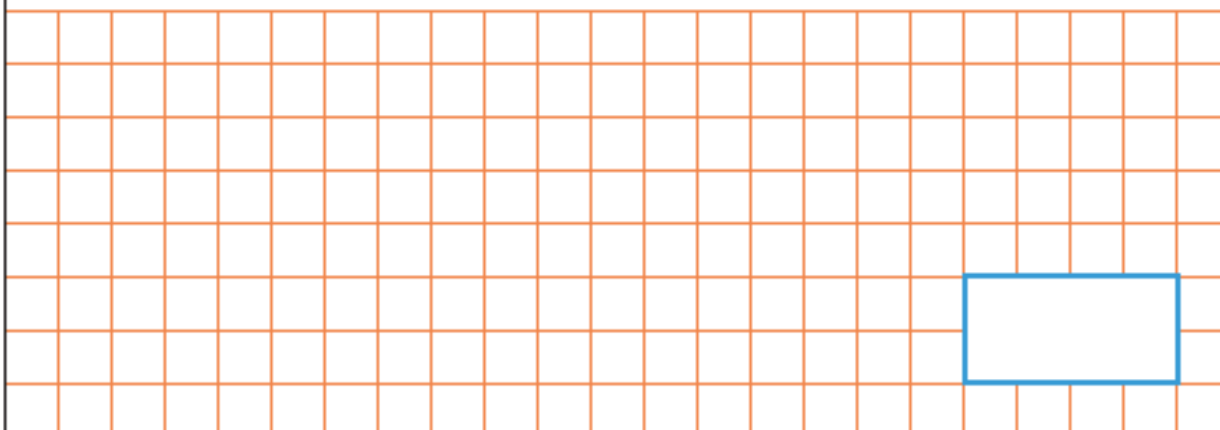
1 mark

53 $3735 + 100 =$

☐

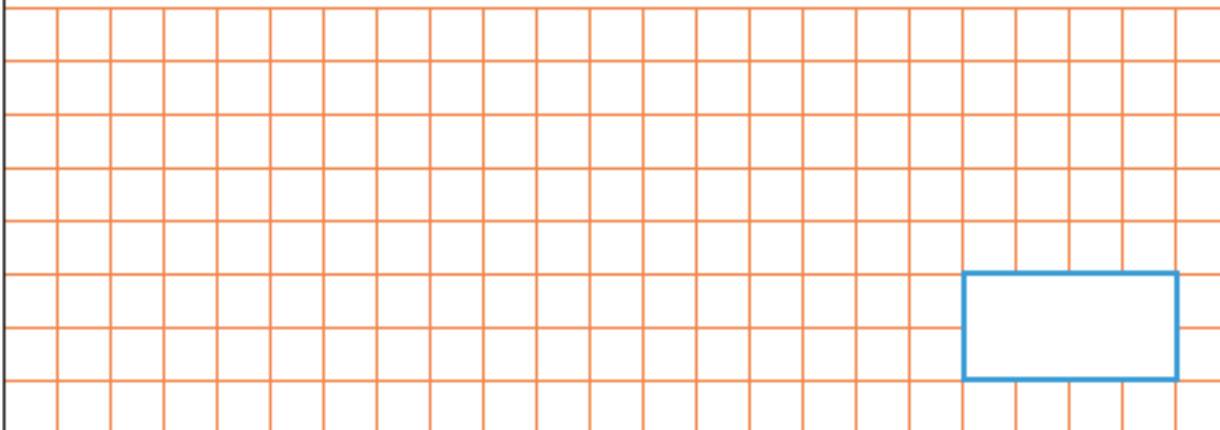
1 mark

54 $459 \times 0 =$

☐

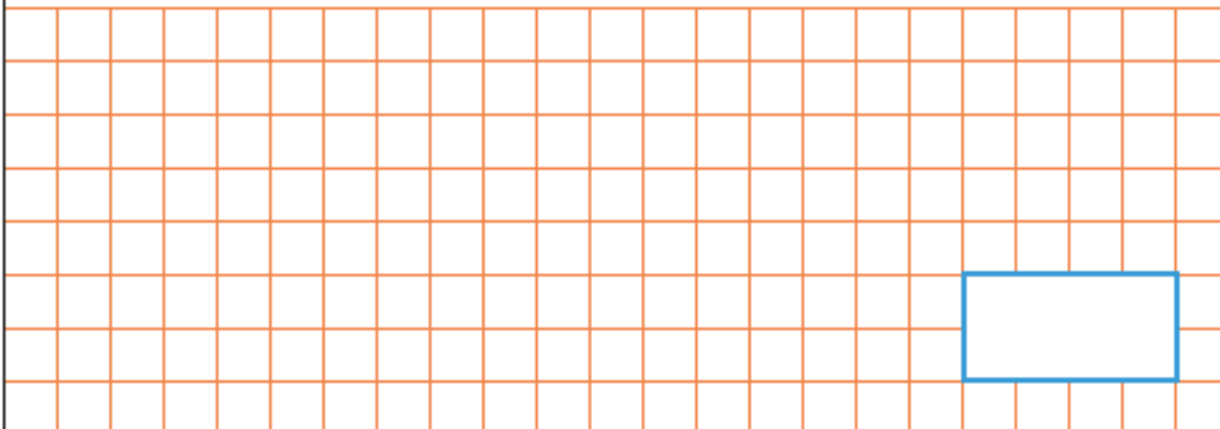
1 mark

55 $742 - 8 =$



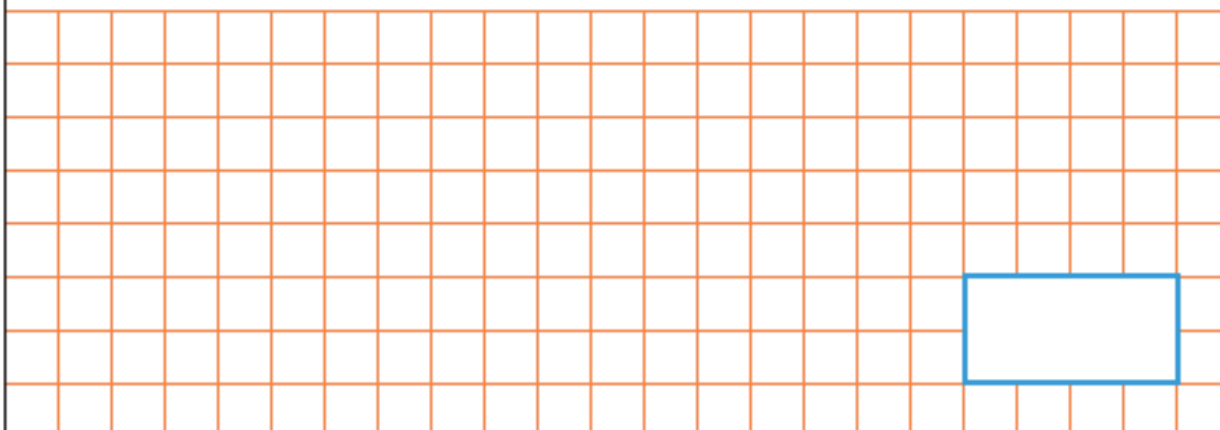
1 mark

56 $= 56 \div 7$



1 mark

57 $69,997 + 5,601 =$



1 mark

58

$$\boxed{} = 6,853 - 684$$

1 mark

59

$$5 \times 7 \times 4 =$$

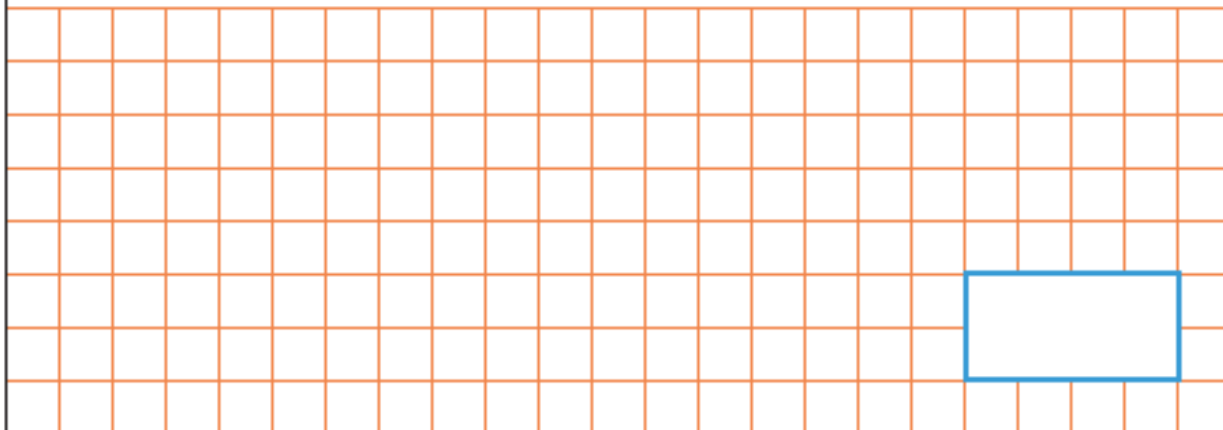
1 mark

60

$$8.4 + 0.3 =$$

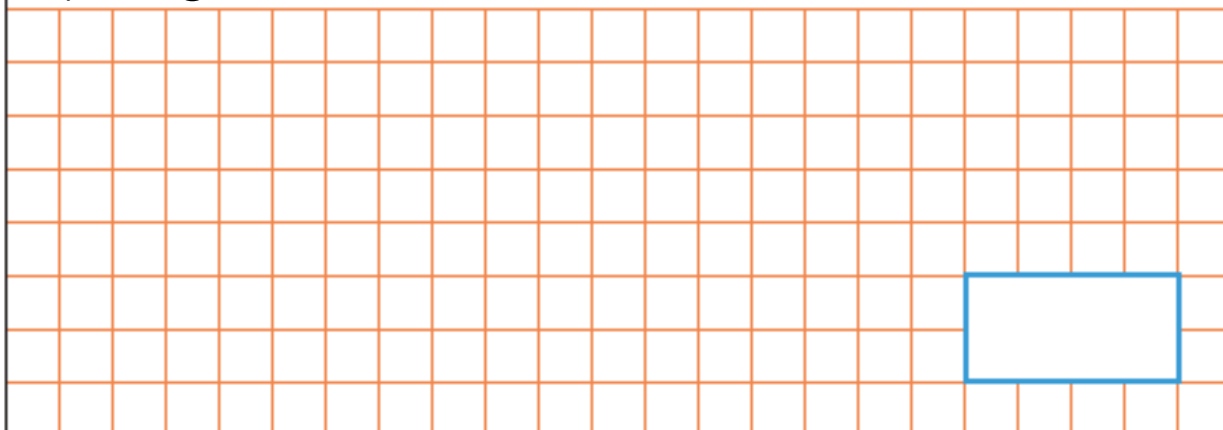
1 mark

61 $726 \div 6 =$

☐

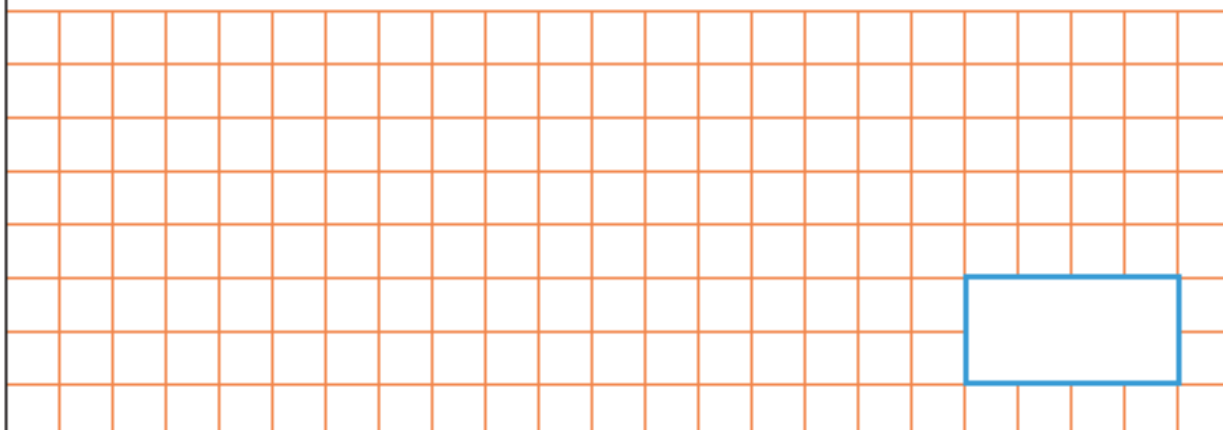
1 mark

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

☐

1 mark

63 $5\% \text{ of } 680 =$

☐

1 mark

64	$\begin{array}{r} 7085 \\ \times \quad 43 \\ \hline \end{array}$	Show your method		1 mark

65	$26 \overline{)884}$	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

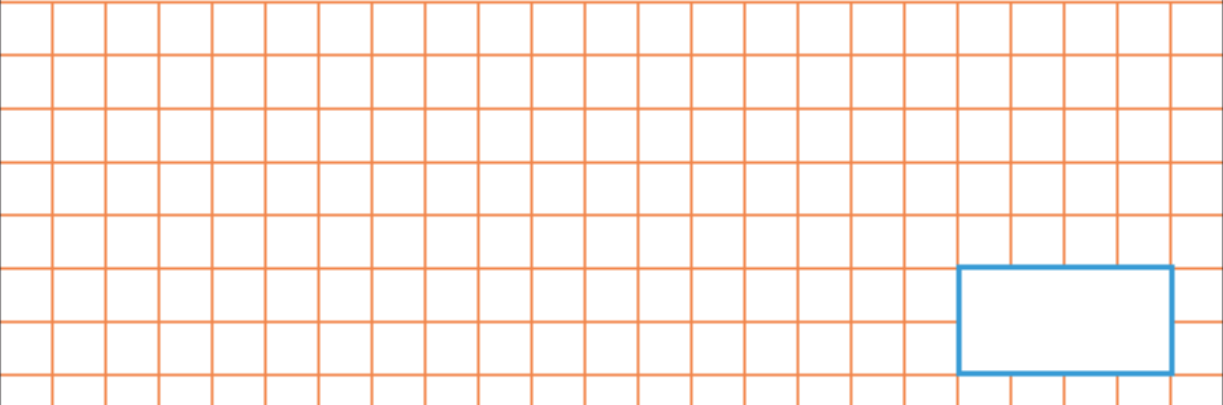
69

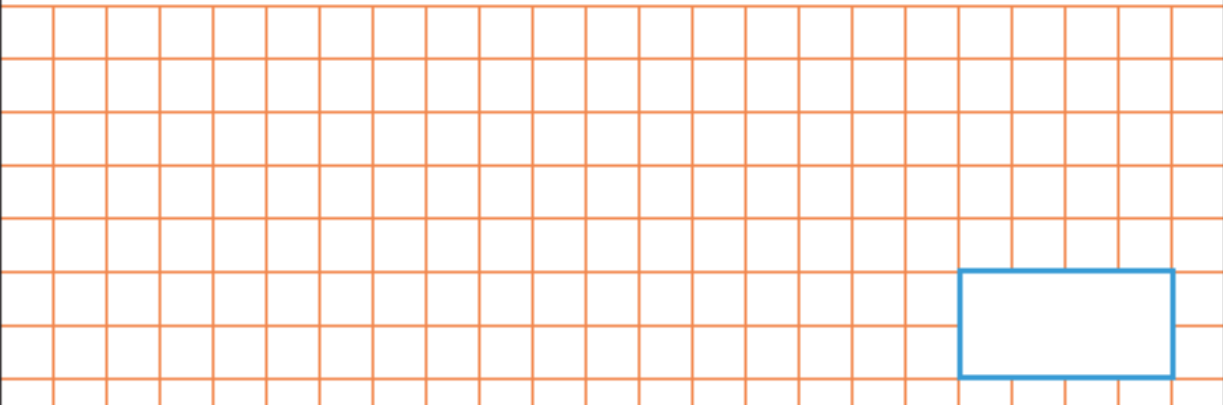
$$1\frac{1}{5} - \frac{1}{2} =$$

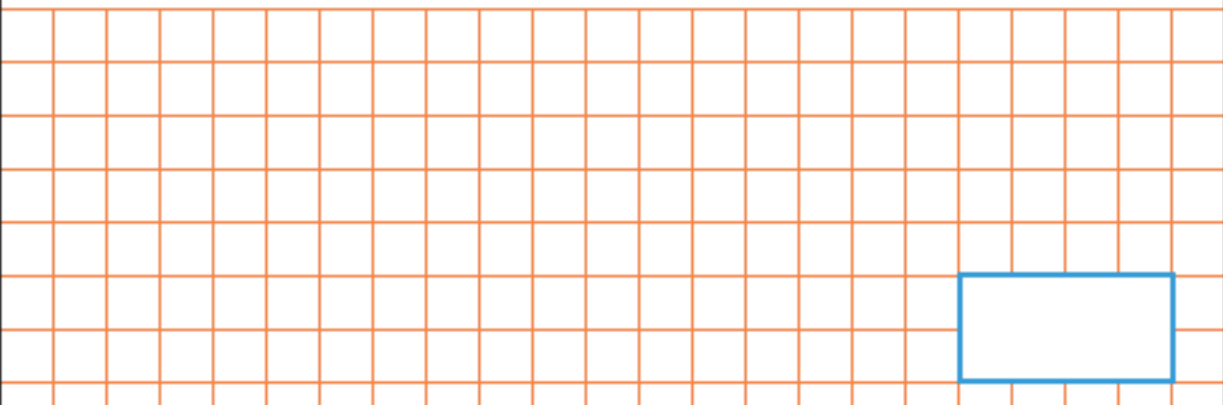
1 mark

[illegible]

[illegible]

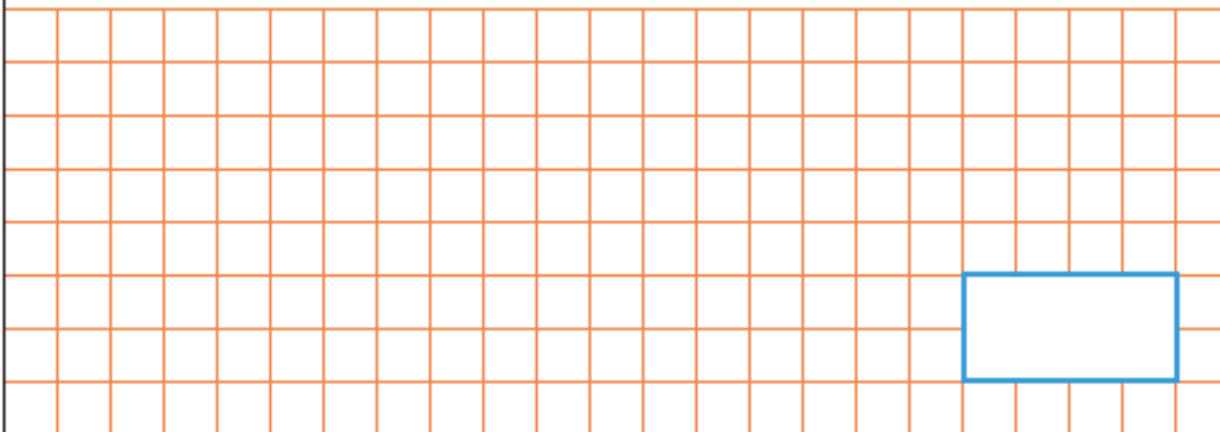
73	$6 - 15 =$																			
																				
															 1 mark					

74	$48,986 + 4,209 =$																			
																				
															 1 mark					

75	 $= 6,973 - 685$																			
																				
															 1 mark					

76

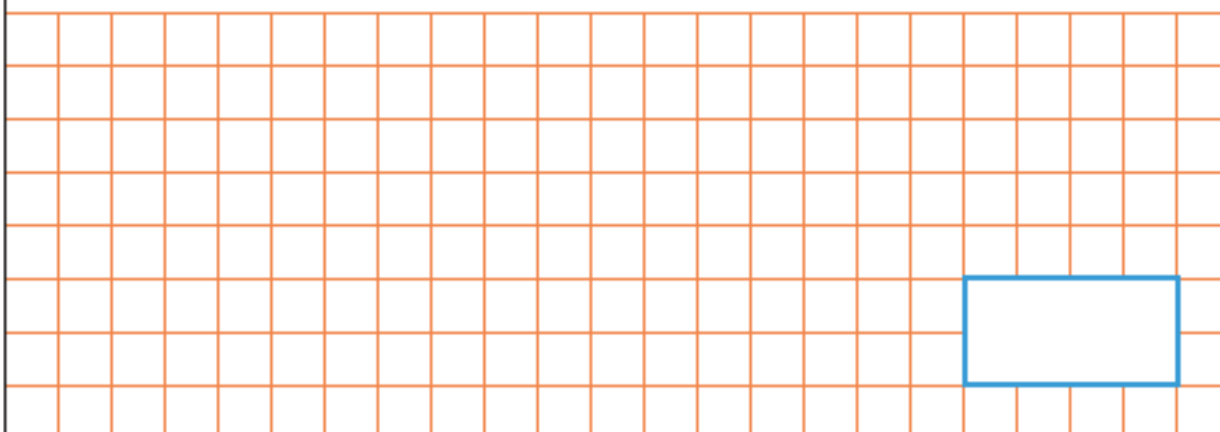
$952 \div 8 =$



1 mark

77

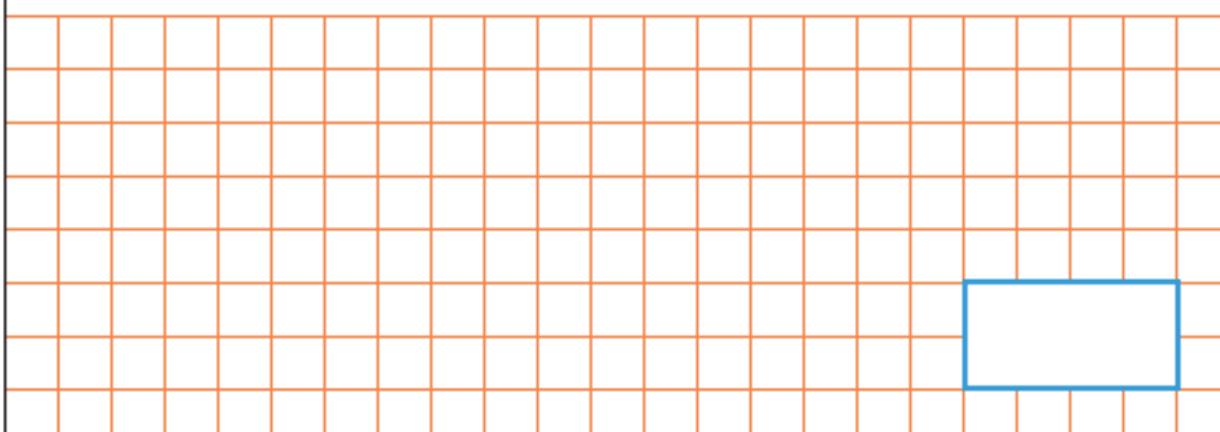
$6.2 + 0.7 =$



1 mark

78

$60 \times 400 =$



1 mark

79	$117 = \boxed{} \times 9$	1 mark

80	$\frac{6}{11} - \frac{2}{11} =$	1 mark

81	$582 \div 100 =$	1 mark

82

$$18.6 + 1.007 =$$

1 mark

83

$$4,803,529 - 10,000 =$$

1 mark

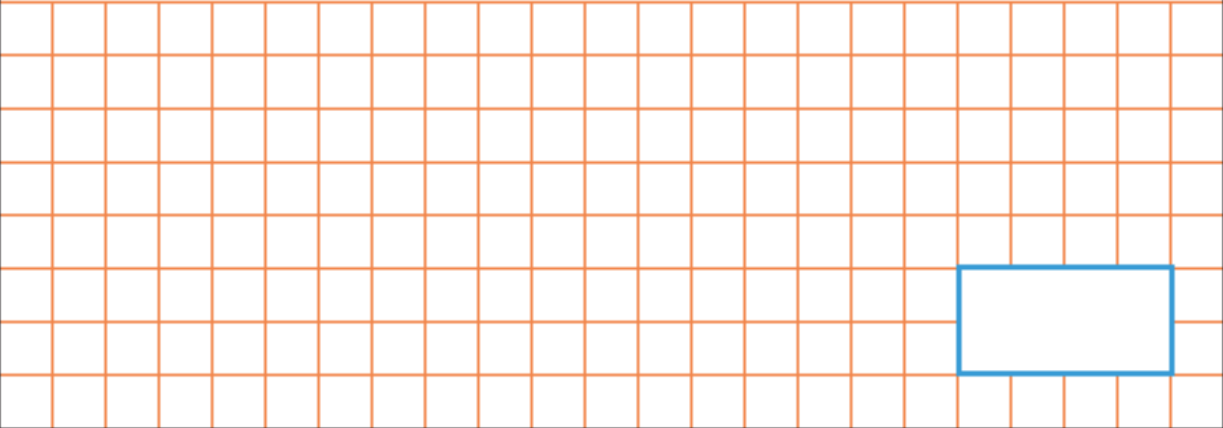
84

$$1,000 \times 50.4 =$$

1 mark

85

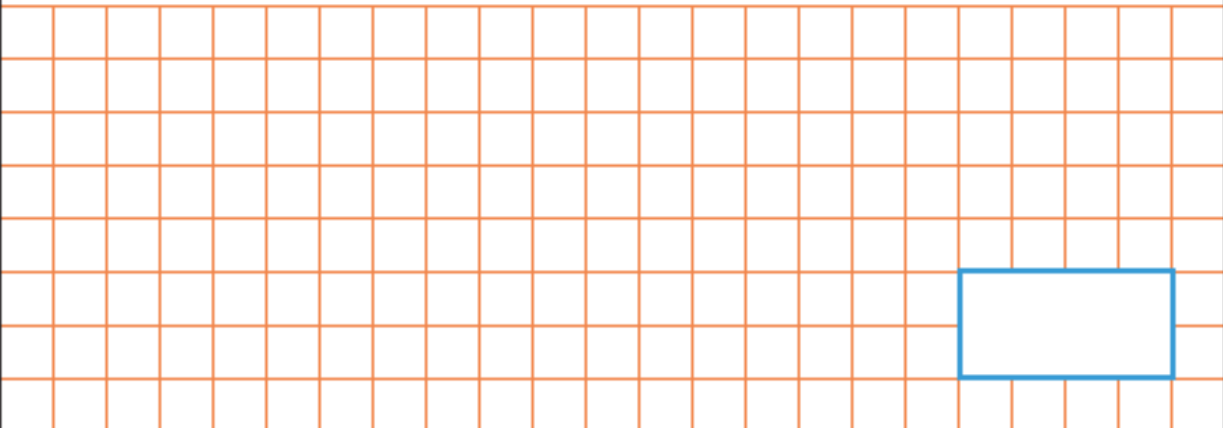
$$27.537 - 9.68 =$$



1 mark

86

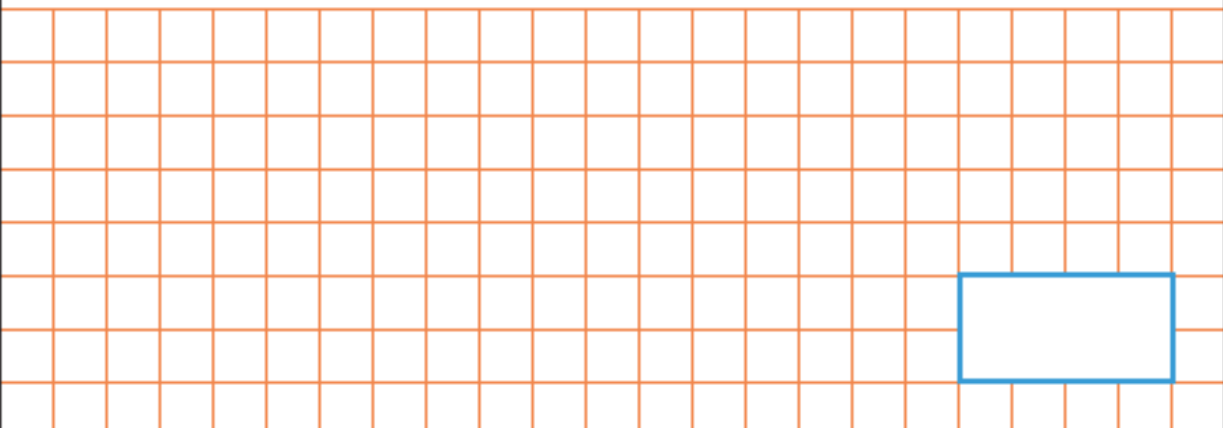
$$9^2 + 13 =$$



1 mark

87

$$6,600 \div 11 =$$



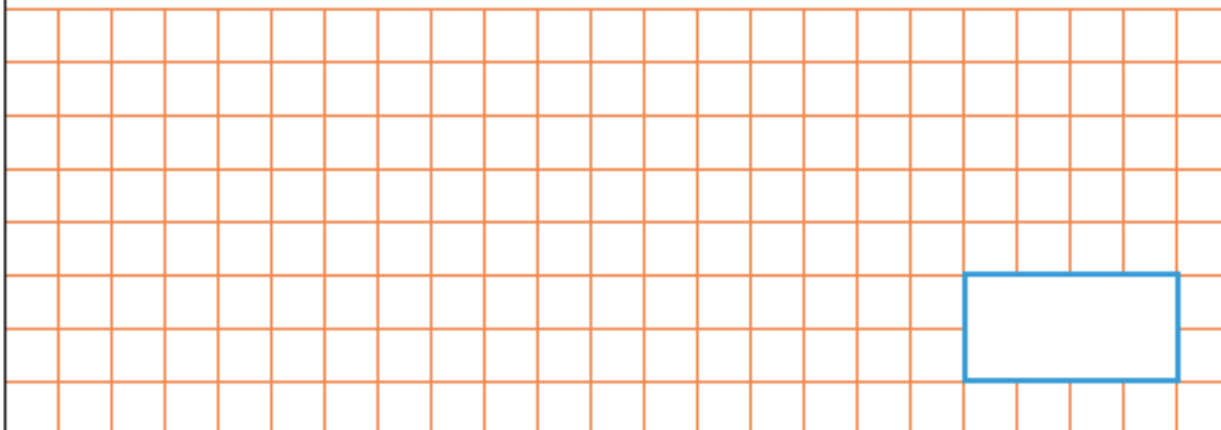
1 mark

88	$10,000,000 - 401 =$	1 mark

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

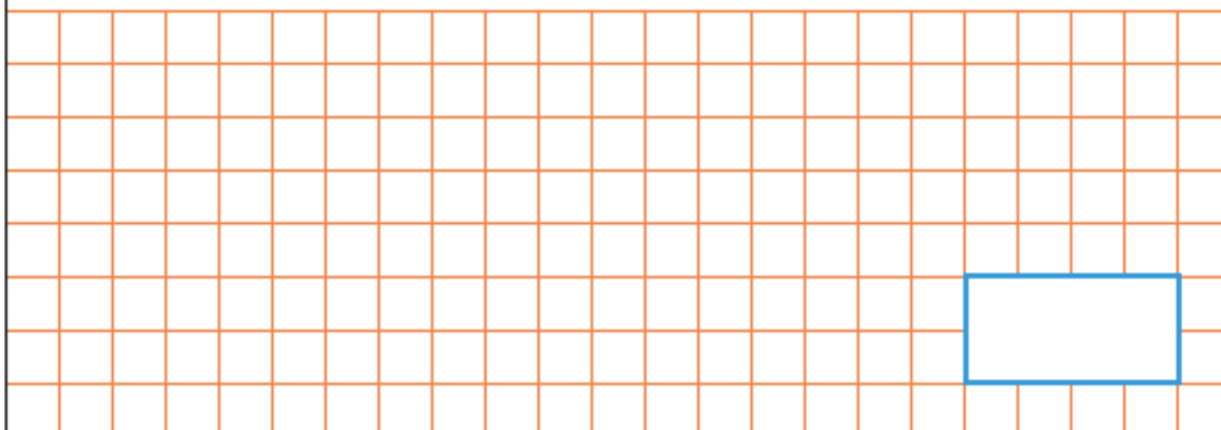
90	$\frac{7}{9} + \text{of } 360 =$	1 mark

91 $3.67 \times 9 =$



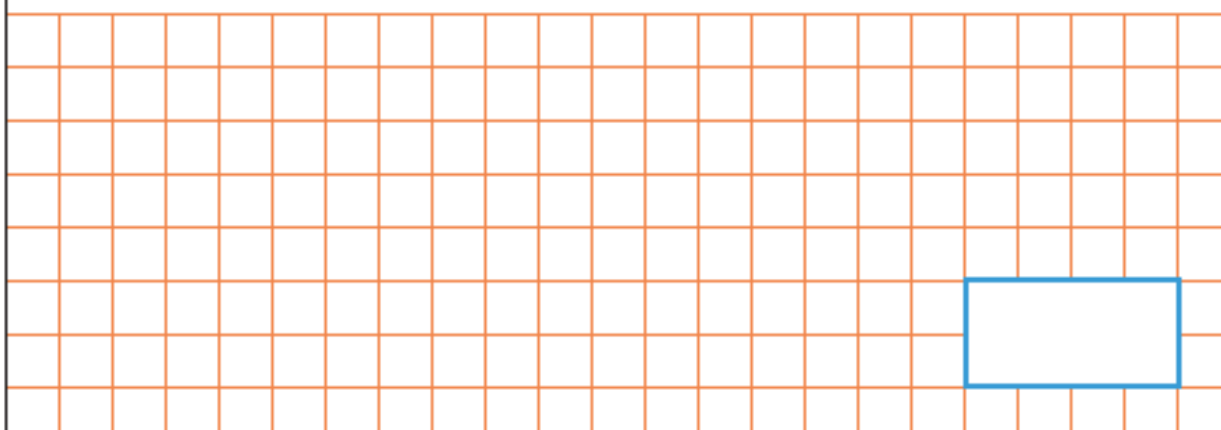
1 mark

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



1 mark

93 $16 \overline{)544}$



1 mark

94	$\frac{6}{7} \div 6 =$		 1 mark

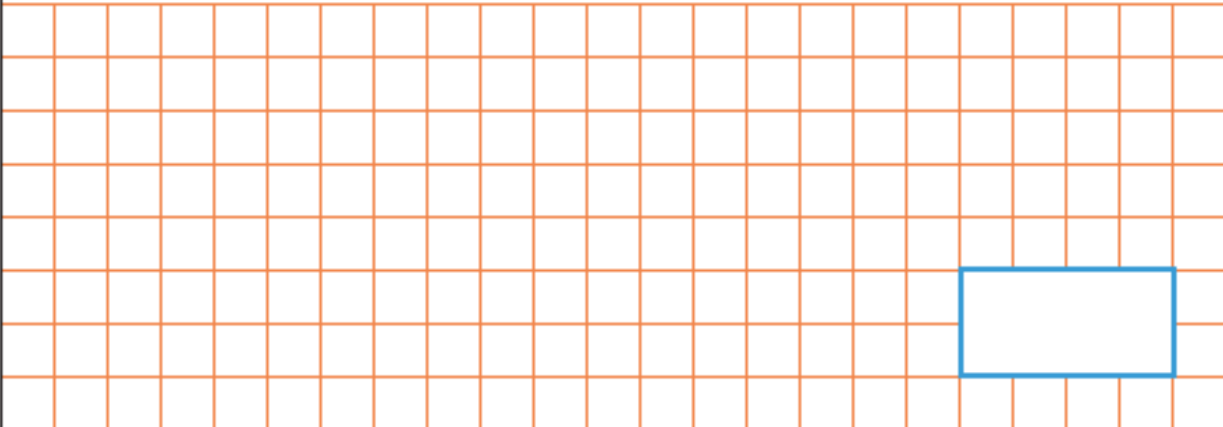
95	$\begin{array}{r} 47 \\ \times 34 \\ \hline \end{array}$		 1 mark

Show your method

96	60% of 4,800 =		 1 mark

97

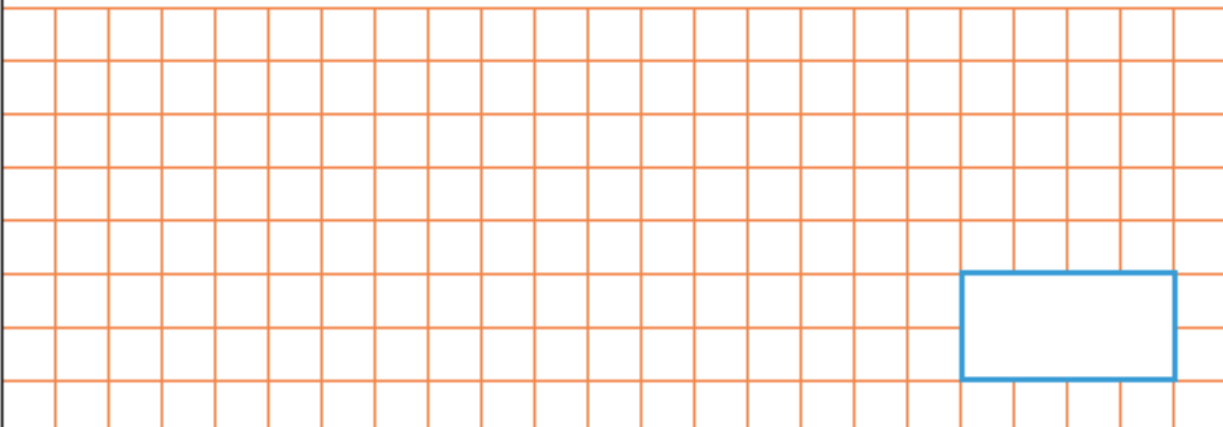
$$6 + 3 \times 8 =$$




1 mark

98

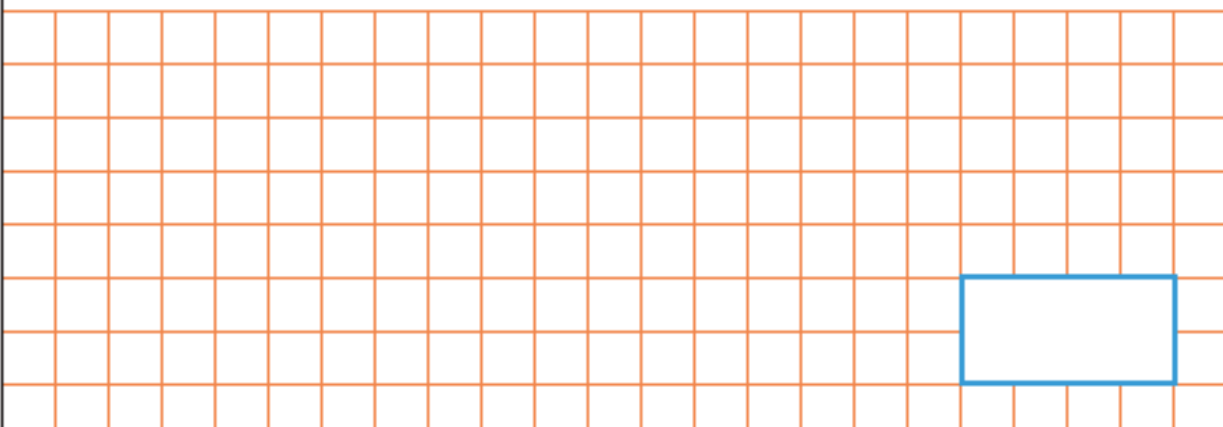
$$29 \overline{)1392}$$




1 mark

99

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




1 mark

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