Year 6 Arithmetic Quiz 1

Add and subtract 10 and 100.

1 55 + 10 =

2 27 + 10 =

3 91 + 10 =

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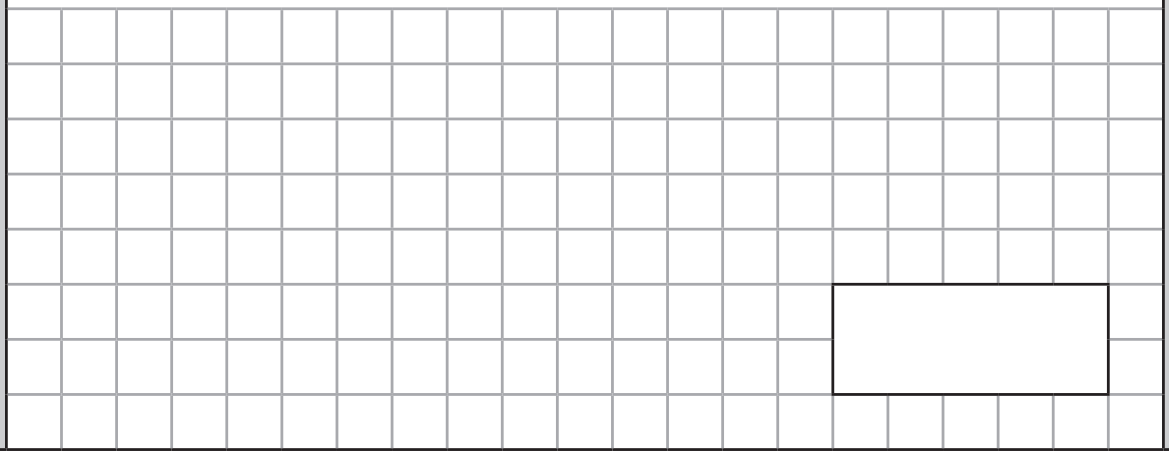
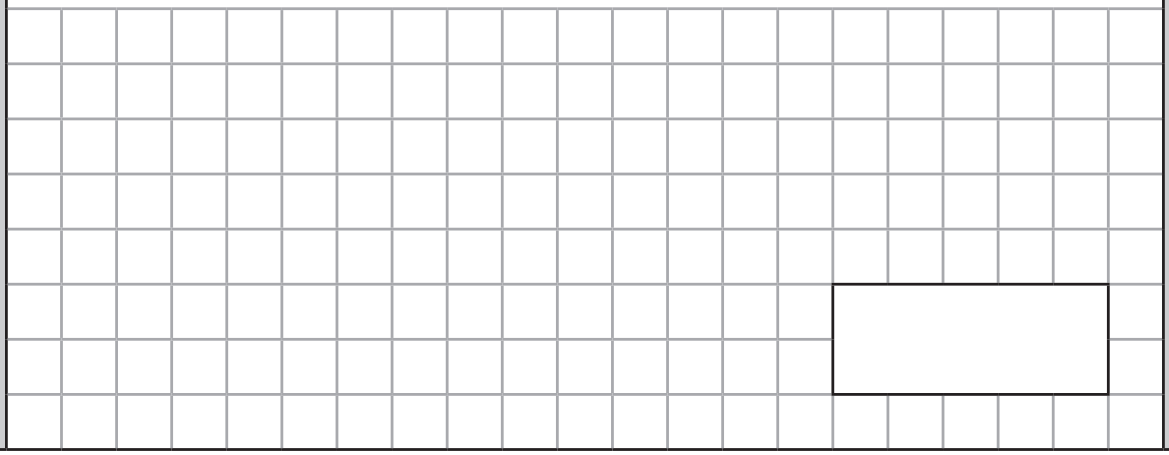
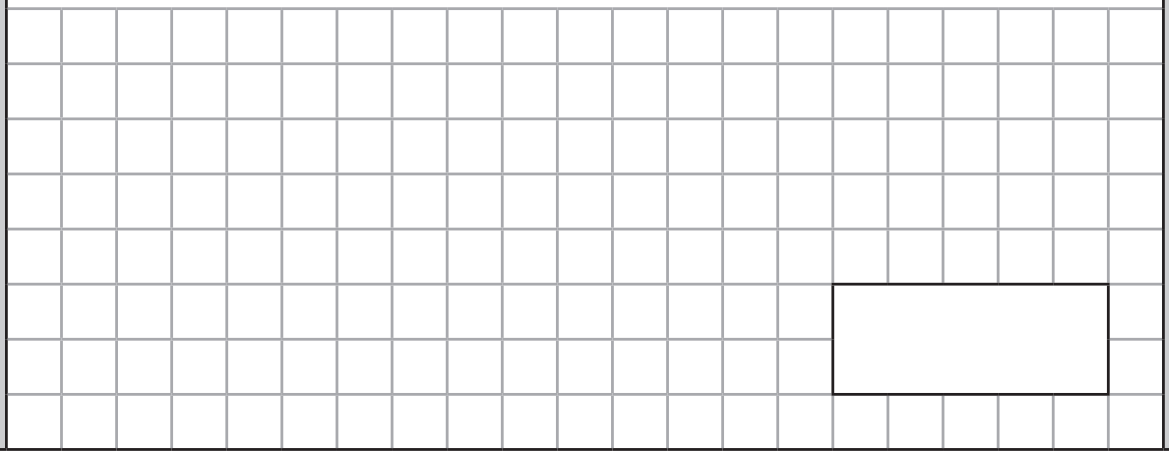
4 306 + 100 =



5 561 + 100 =



6 924 + 100 =



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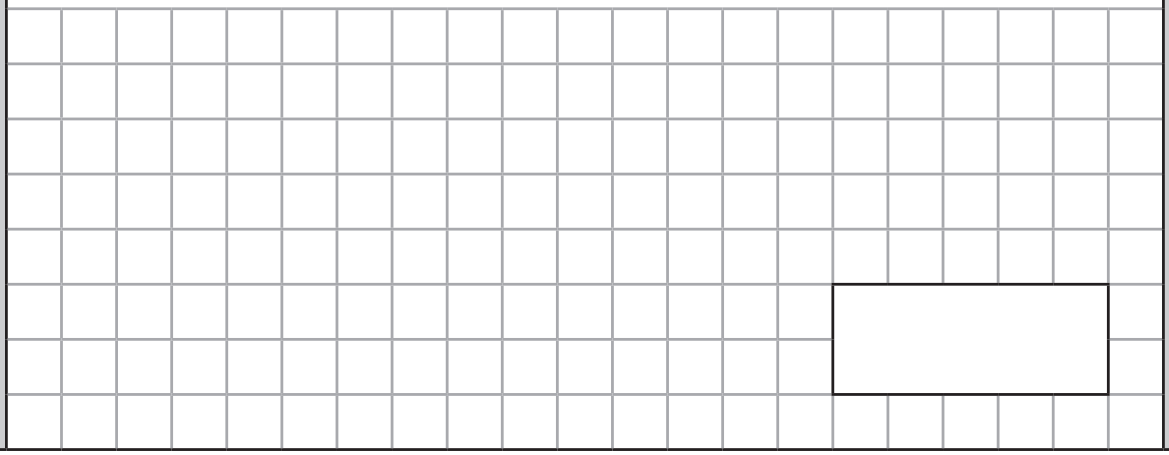
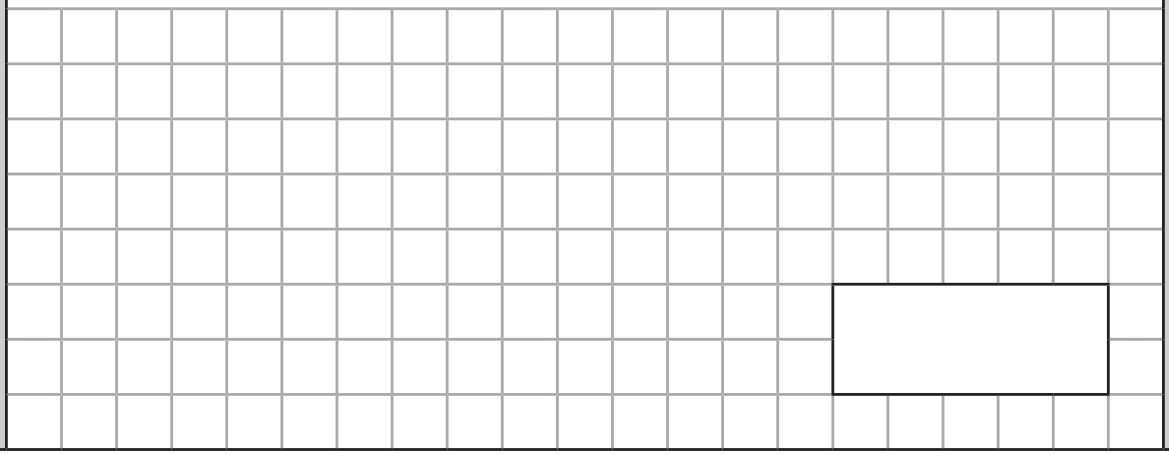
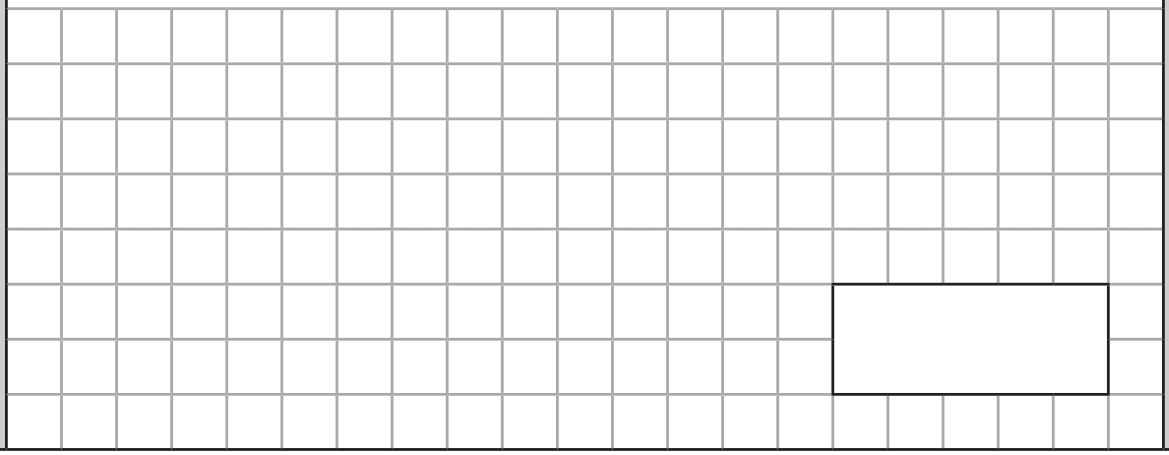
7 59 – 10 =



8 25 – 10 =



9 103 – 10 =



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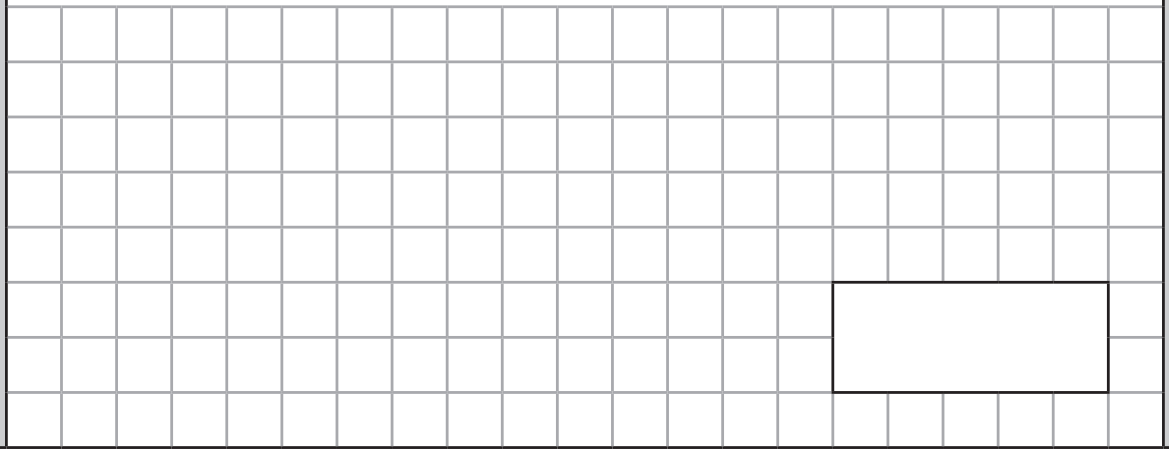
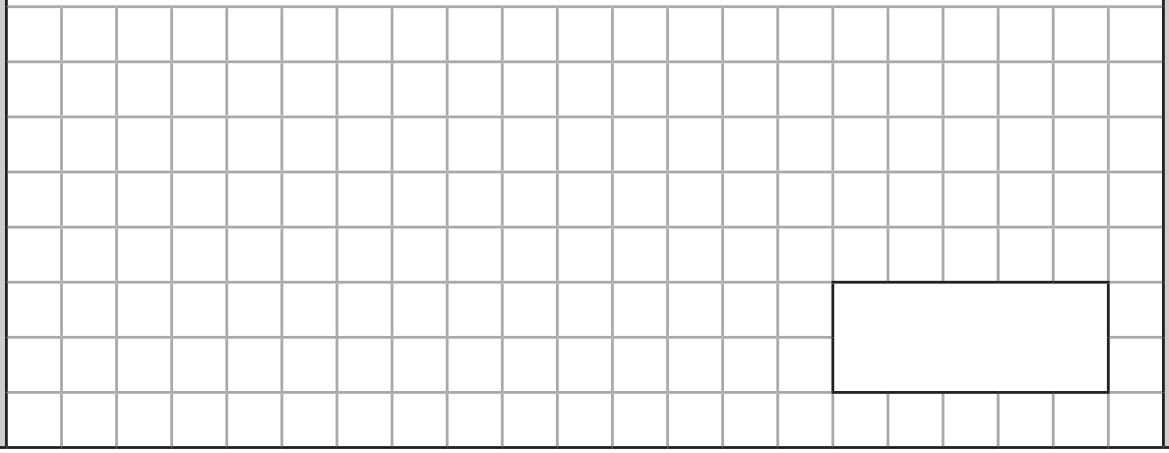
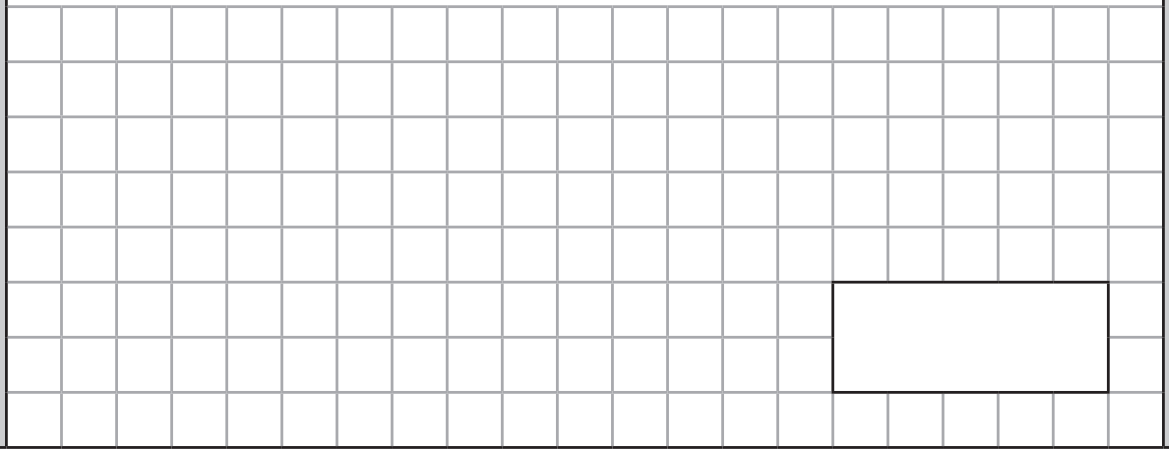
10 582 – 100 =



11 1067 – 100 =



12 182 – 100 =



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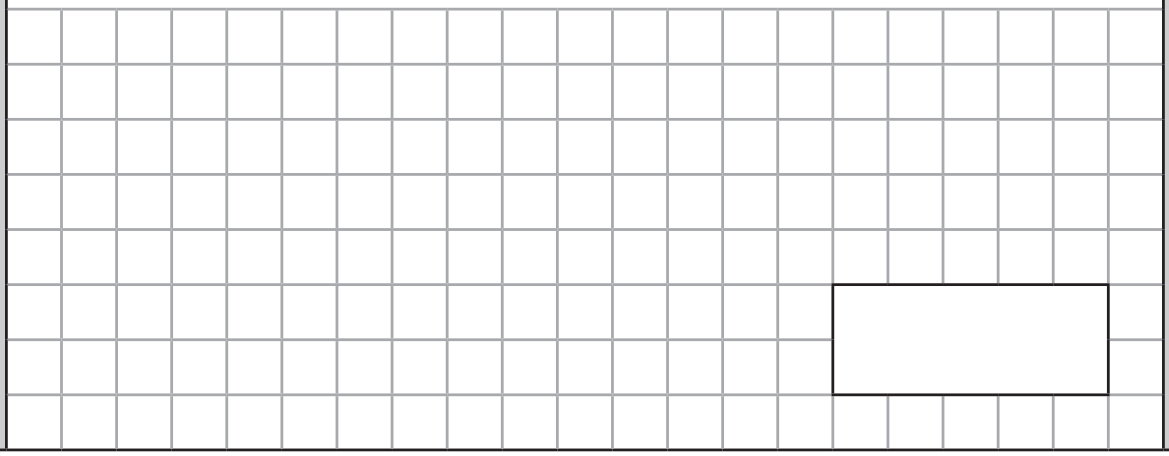
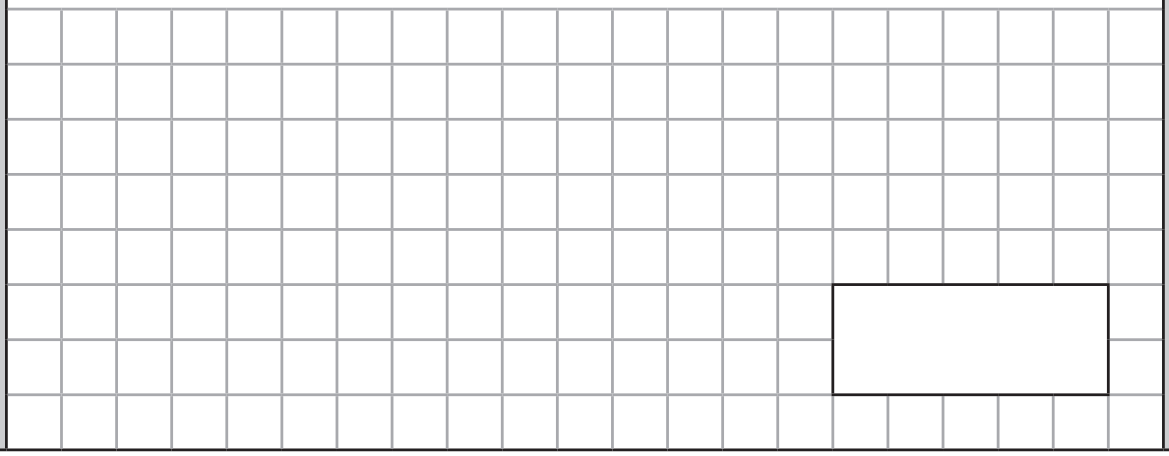
Adding and subtracting three-digit numbers and ones, tens and hundreds.

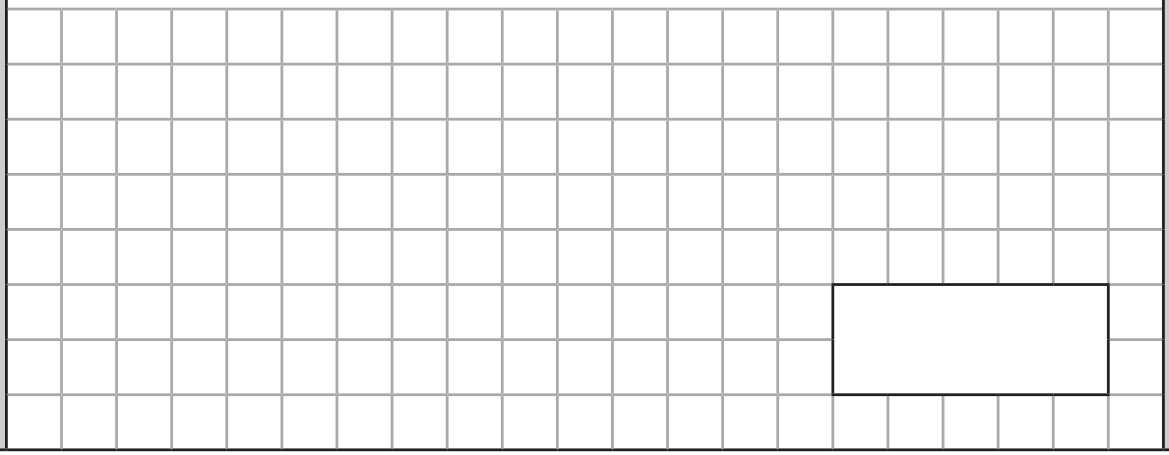
13 719 + 6 =



14 997 + 4 =



15 350 – 9 =



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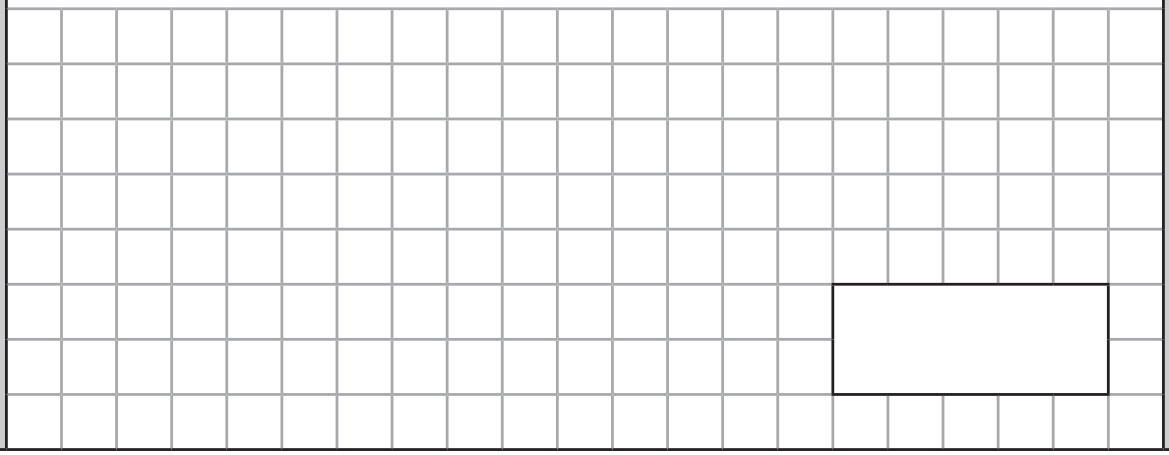
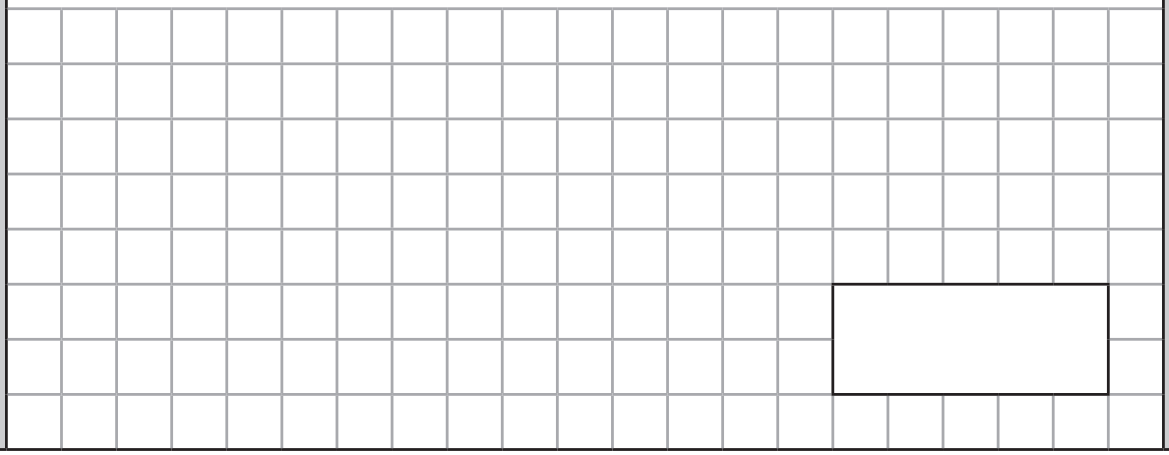
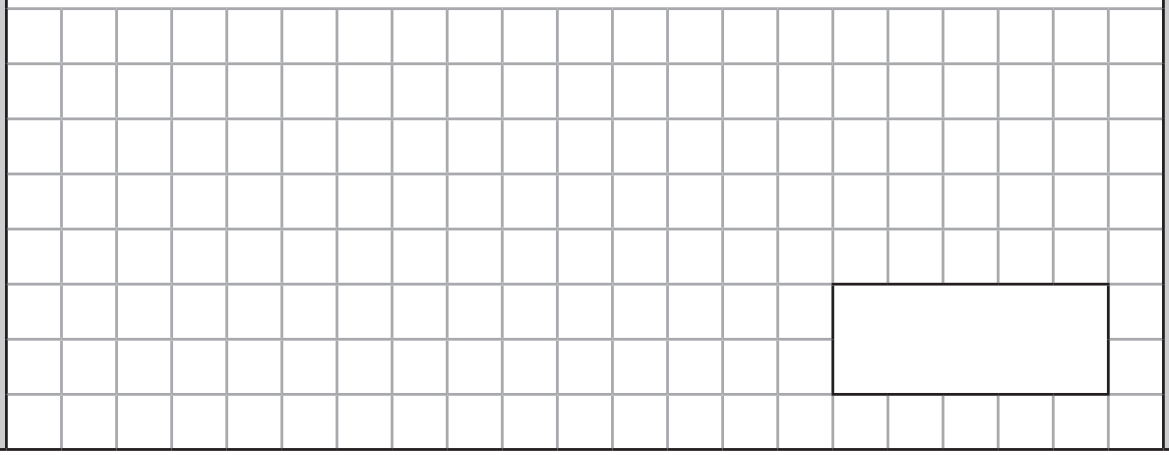
16 818 − 7 =



17 902 + 20 =



18 482 + 70 =



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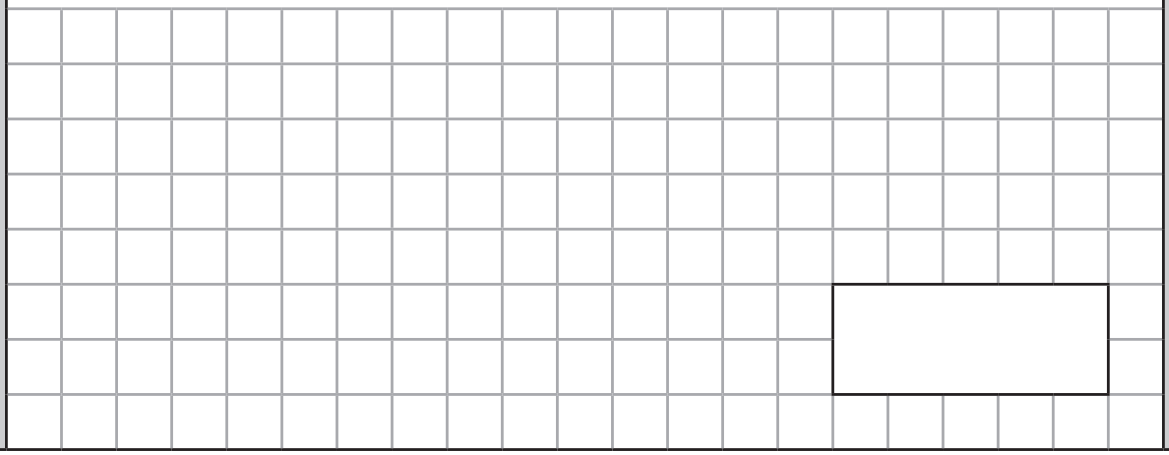
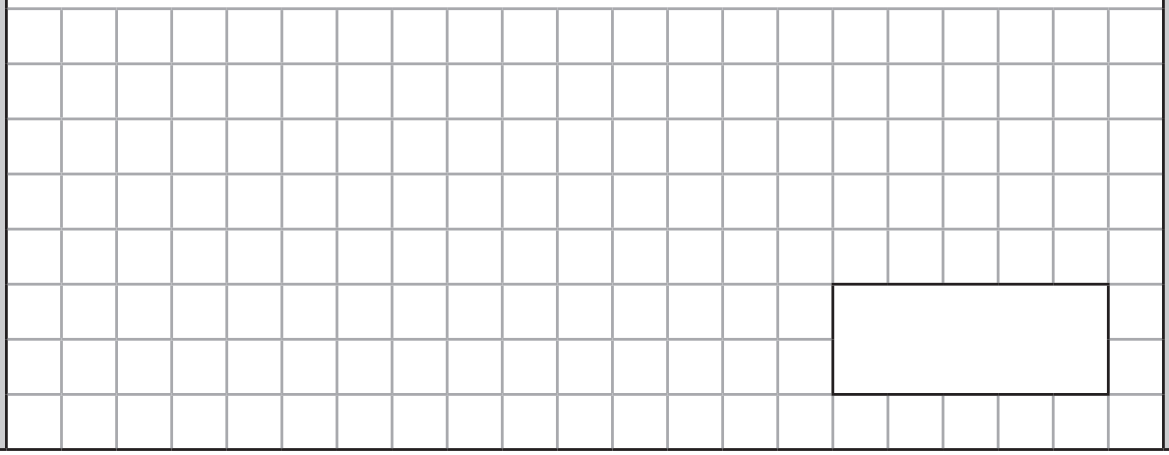
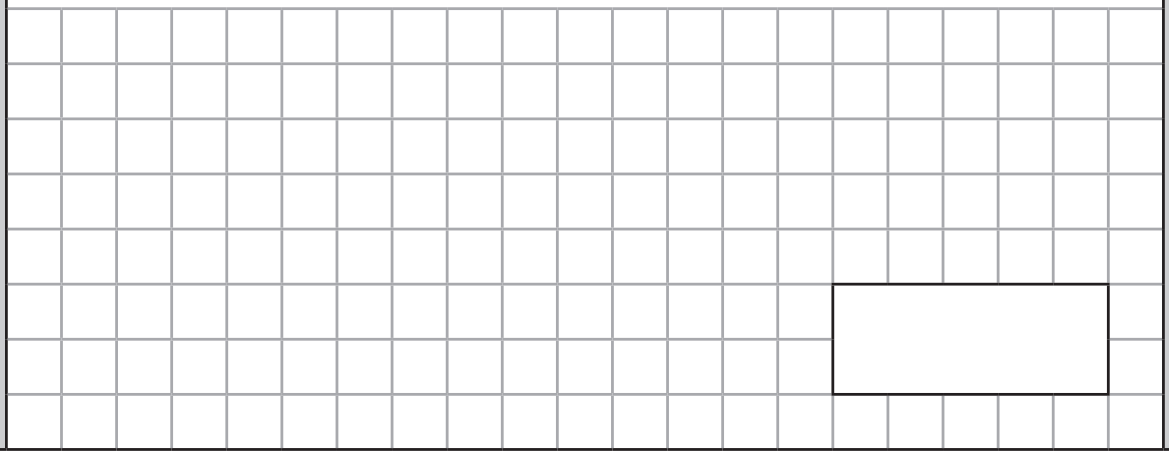
19 683 − 30 =



20 417 − 60 =



21 369 + 500 =



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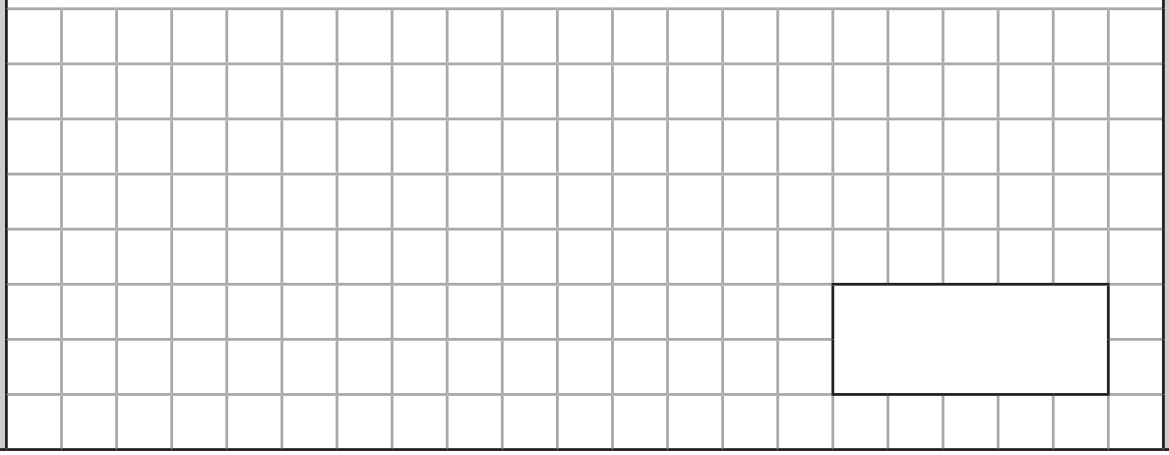
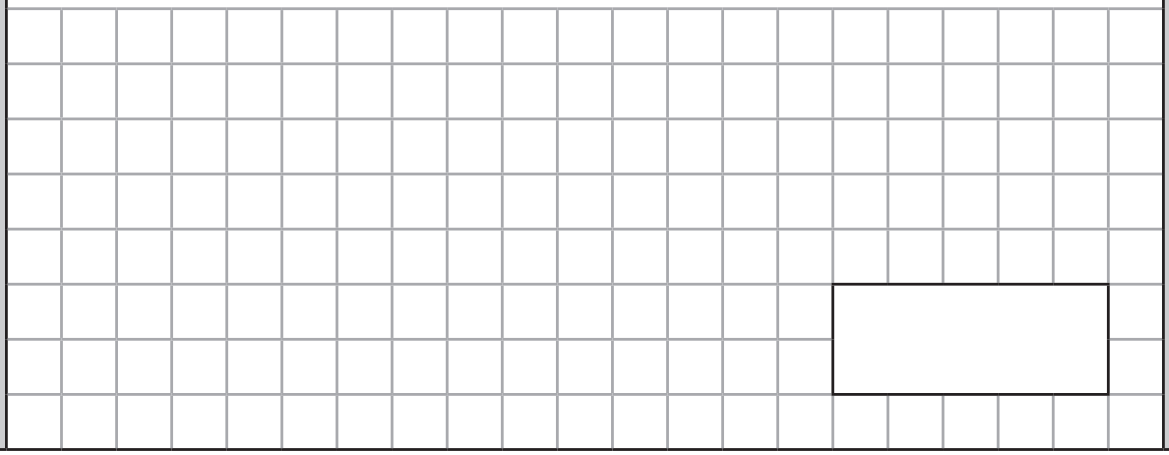
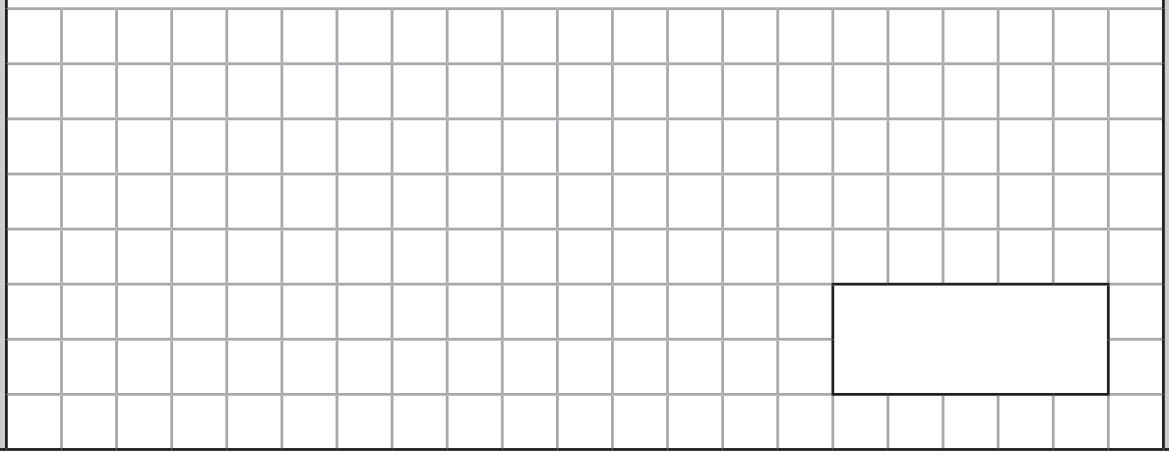
22 837 + 400 =



23 299 – 200 =



24 1007 – 500 =



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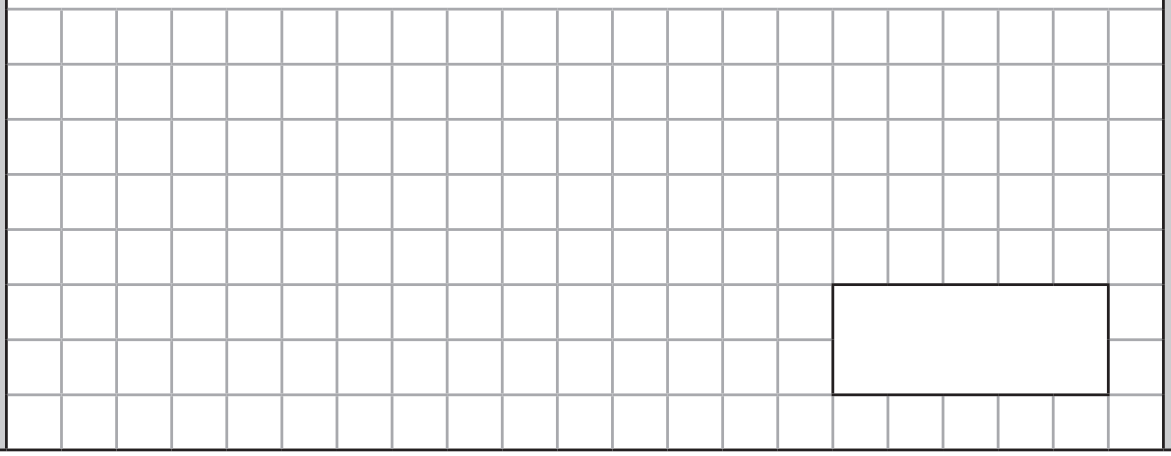
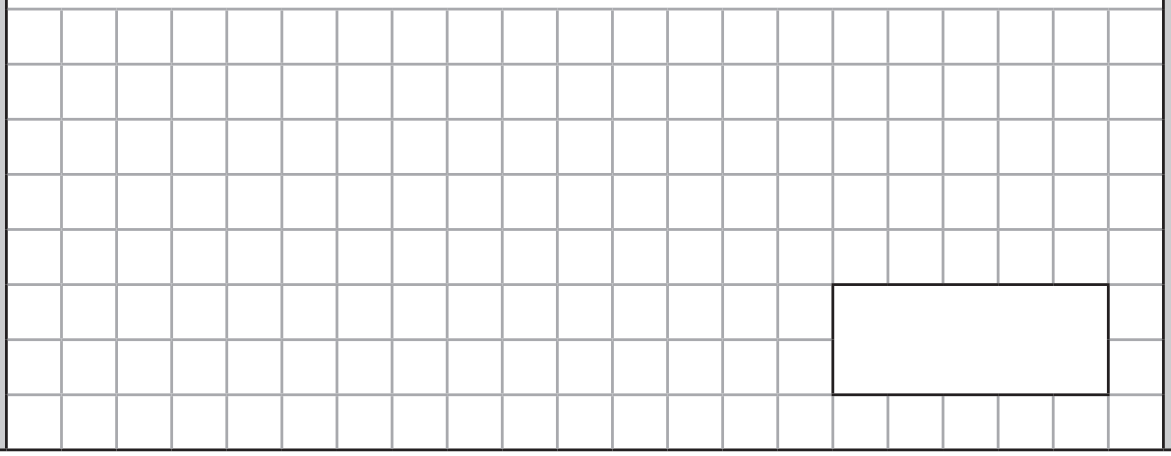
Recall and use multiplication tables.

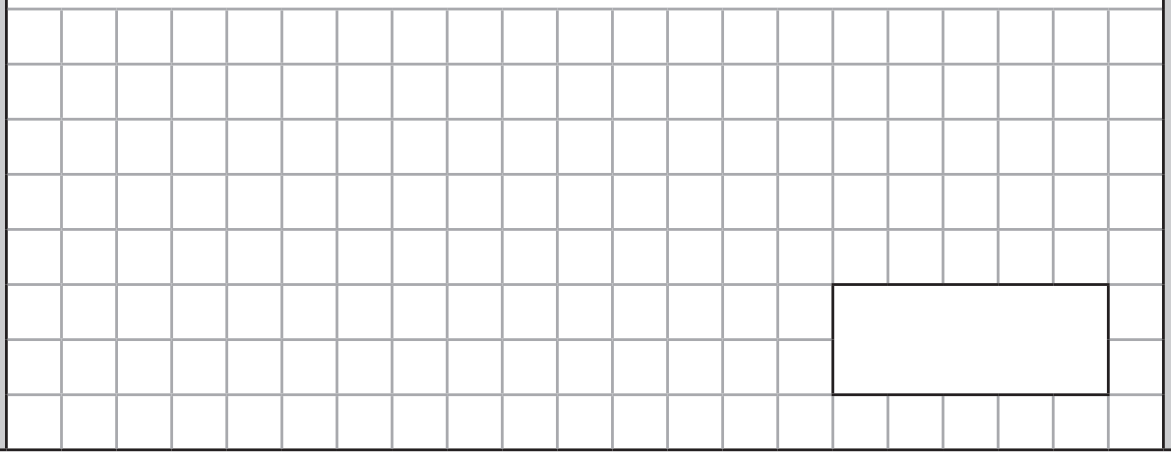
25 $7 \times 6 =$



26 $8 \times 7 =$



27 $2 \times 11 =$



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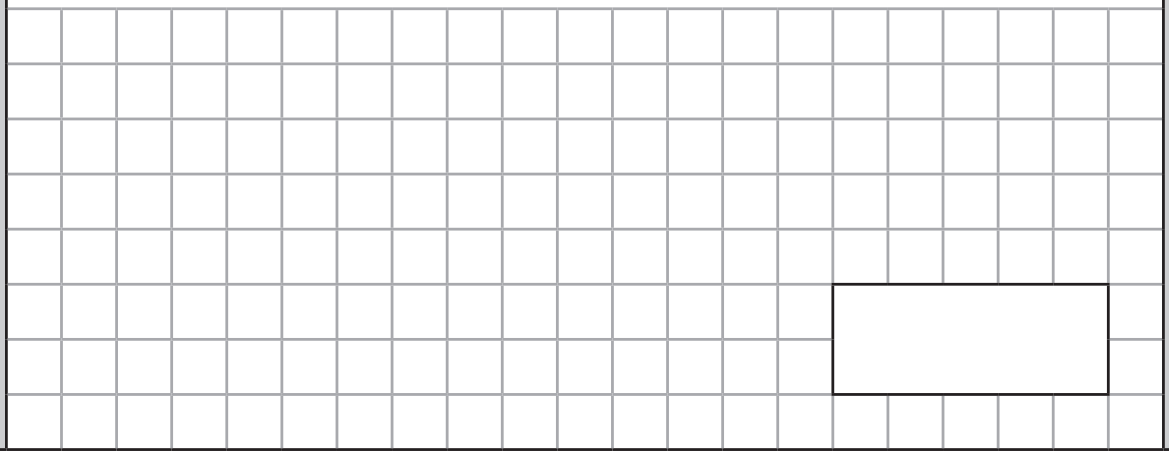
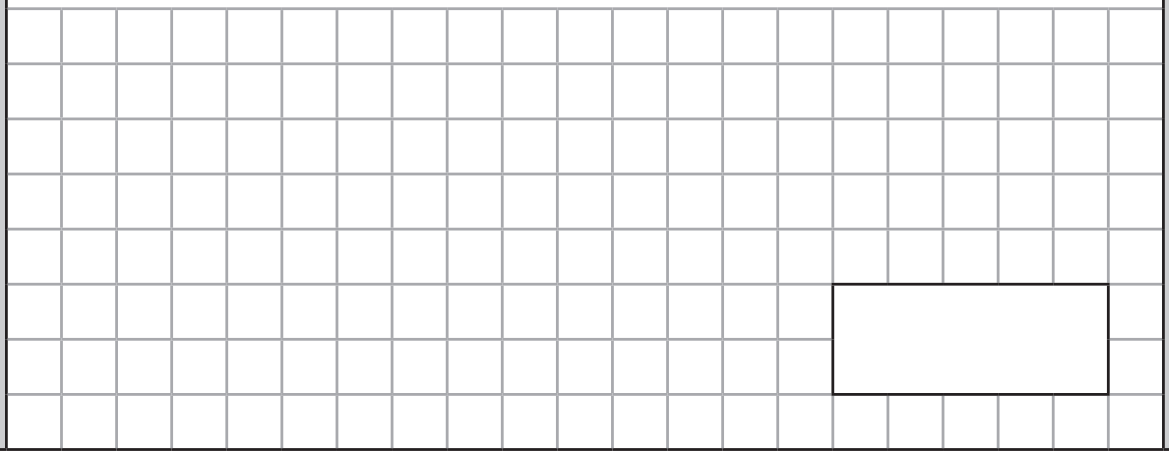
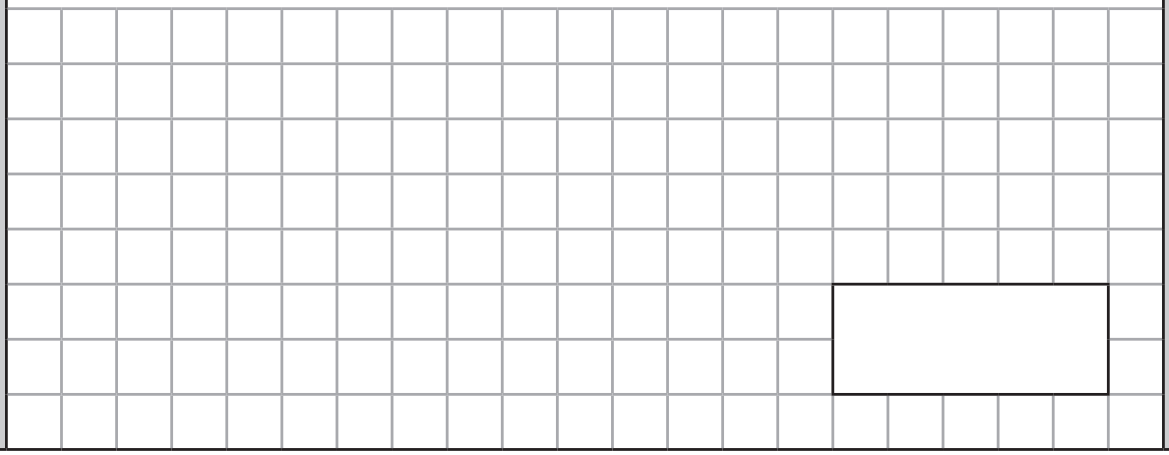
28 $96 \div 12 =$



29 $60 \div 5 =$



30 $56 \div 8 =$



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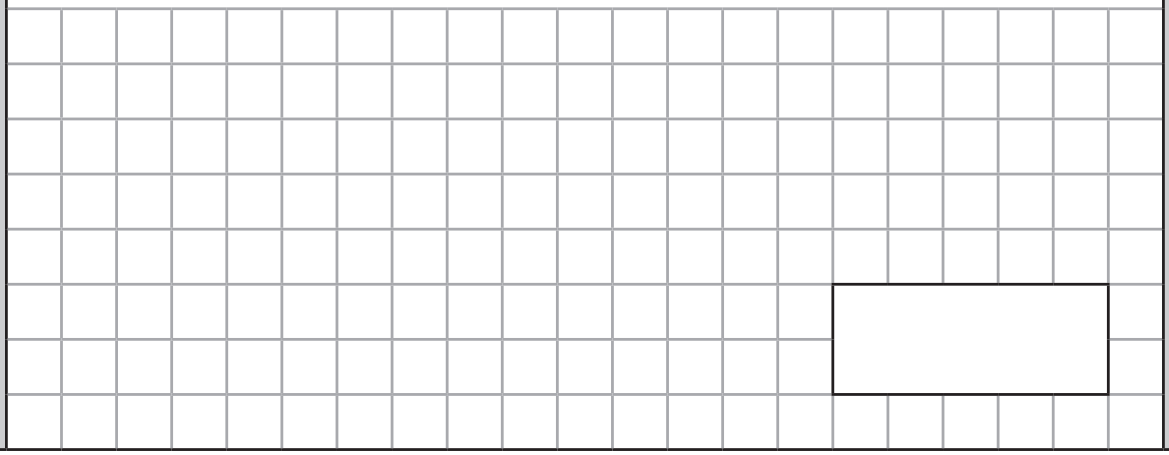
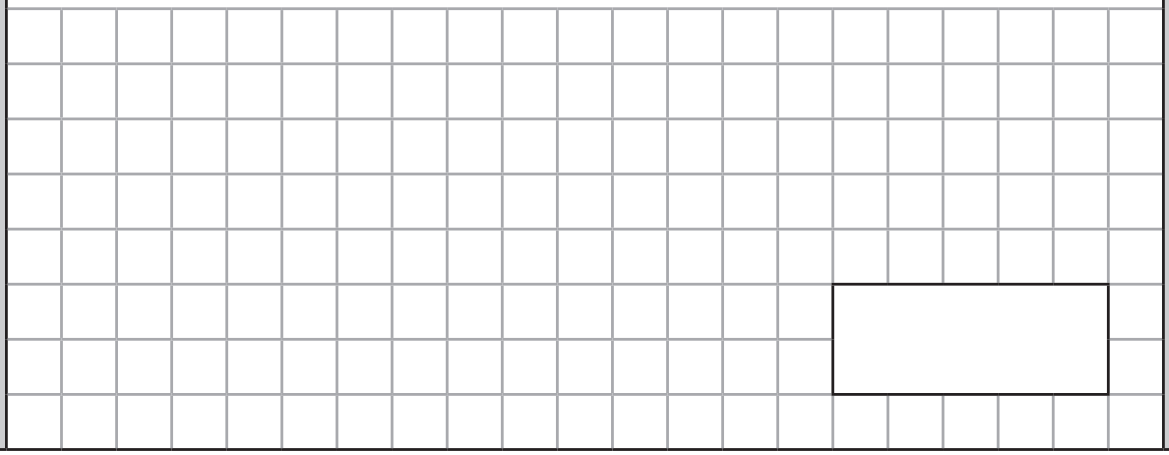
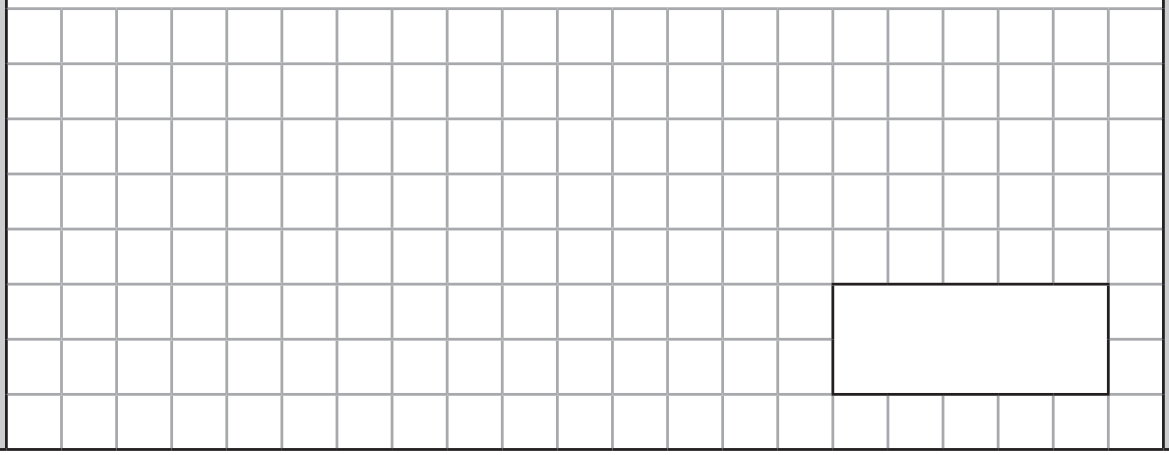
31 $60 \times 8 =$



32 $560 \div 7 =$



33 $90 \times 4 =$



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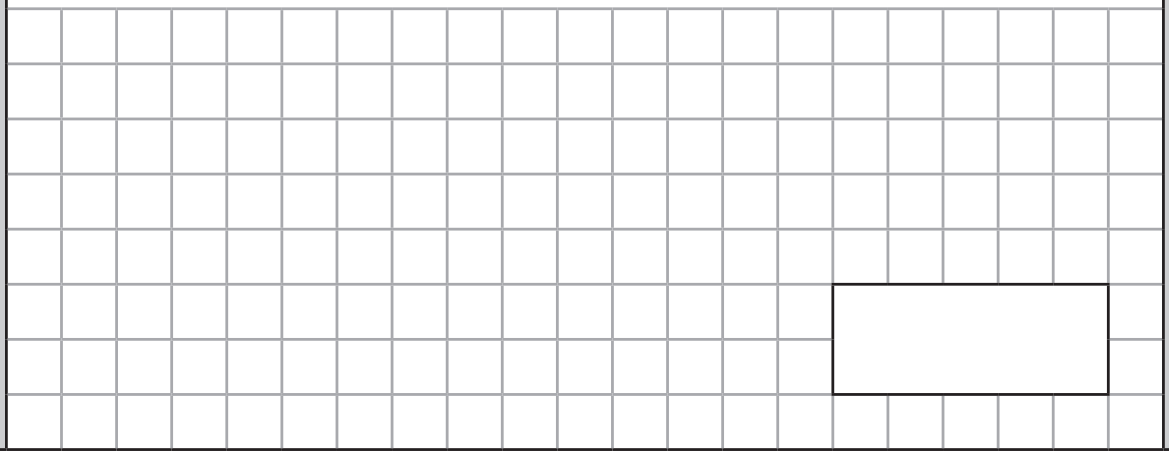
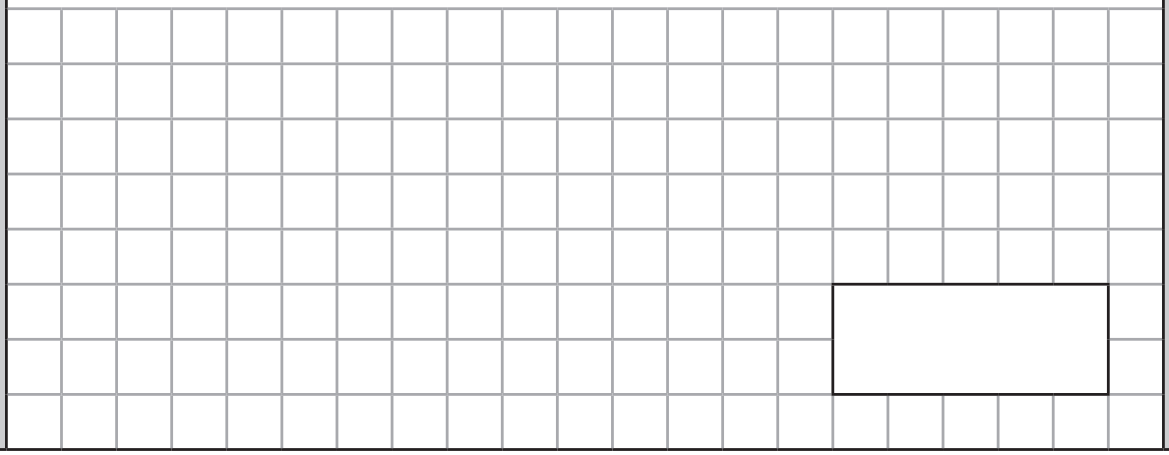
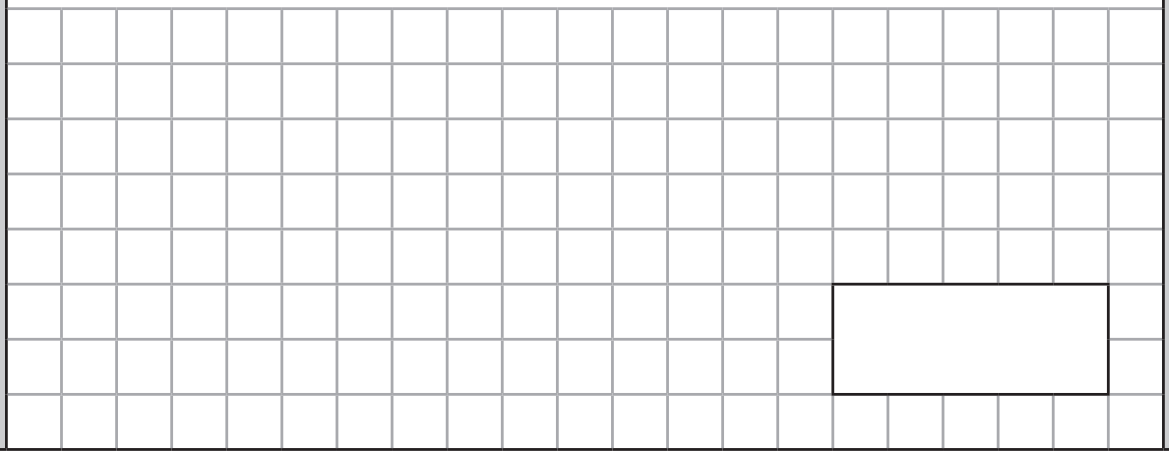
34 $630 \div 9 =$



35 $11 \times 30 =$



36 $540 \div 6 =$



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Year 6 Arithmetic Quiz 1: Answers

1. 65

2. 37

3. 101

4. 406

5. 661

6. 1024

7. 49

8. 15

9. 93

10. 482

11. 967

12. 82

13. 725

14. 1001

15. 341

16. 811

17. 922

18. 552

19. 653

20. 357

21. 869

22. 1237

23. 99

24. 507

25. 42

26. 56

27. 22

28. 8

29. 12

30. 7

31. 480

32. 80

33. 360

34. 70

35. 330

36. 90

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Year 6 Arithmetic Quiz 1

Find 10 or 100 more or less than a given number

Add 10 or 100 by increasing the tens or hundreds digit: 285 + 10 = 295.

Where the digit is a 9, the next place value increases by a hundred or thousand and the ten or hundred will be 0: 295 + 10 = 305

Subtract 10 or 100 by decreasing the tens or hundreds digit: 412 – 10 = 402

Where the digit is a 0, the next place value is decreased by a hundred of thousand and the ten or hundred will be 9: 402 – 10 = 392

Adding and subtracting three-digit numbers and ones, tens and hundreds

As with adding or subtracting 10 or 100, adding ones, tens or hundreds involves adding or subtracting the relevant place value and sometimes this may affect the next higher place value as well.

27**3** + **4** = 27**7** because 3 + 4 = 7

2**86** + **8** = 2**94** because 86 + 8 = 94

or

3**4**9 – **3**0 = 3**1**9 because 40 – 30 = 10 or 4 tens – 3 tens = 1 ten

723 = **5**0 = **67**3 because 120 – 50 = 73 or 12 tens – 5 tens = 7 tens

If your child struggles with these, then start with a problem similar to the first example each time. It will take lots of practice to embed this process fully, even if your child says they 'understand' it.

Multiplication tables

Children need to know all the multiplication tables to 12 × 12

7 × 6 = 42

56 ÷ 8 = 7

Use the multiplication facts

7 × 60 = 420

560 ÷ 8 = 70