

Crossum Puzzles ~ D

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Crossum Puzzle ~ D1

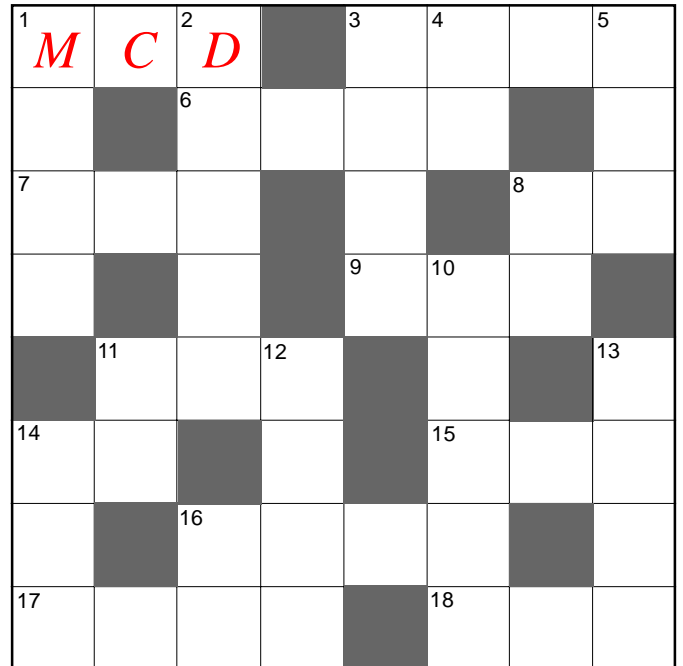
The clues are given as modern (base 10) numbers such as we normally use. They are to be changed into Roman Numbers and written in on the grid. The first one has been done.

Across

- | | |
|-----------|----------|
| 1. 1400 ✓ | 11. 590 |
| 3. 215 | 14. 110 |
| 6. 411 | 15. 30 |
| 7. 210 | 16. 1111 |
| 8. 2 | 17. 31 |
| 9. 25 | 18. 14 |

Down

- | | |
|---------|----------|
| 1. 1610 | 10. 39 |
| 2. 630 | 11. 510 |
| 3. 119 | 12. 191 |
| 4. 101 | 13. 514 |
| 5. 7 | 14. 120 |
| 8. 4 | 16. 1010 |



Crossum Puzzle ~ D2

The clues are given as Roman Numbers. They are to be changed into modern (base 10) numbers, such as we normally use, and written in on the grid. The first one has been done.



Across

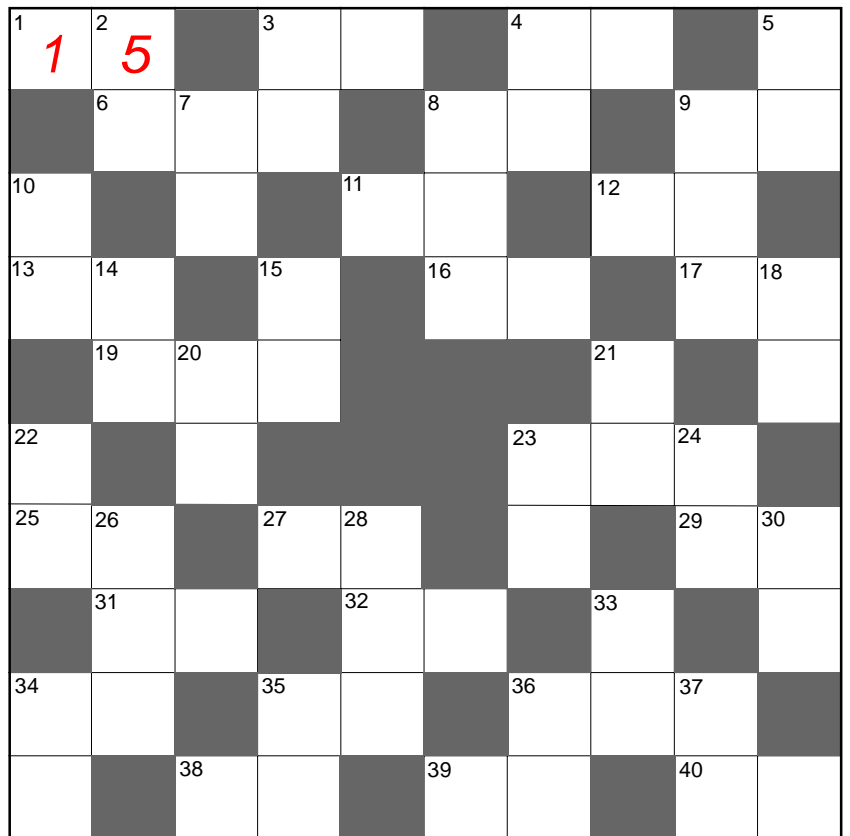
- | | |
|------------|-------------------|
| 1. CCXIV ✓ | 13. DCCXXII |
| 4. CCCXLIX | 15. MMMCCLXXXVIII |
| 6. CDXXXV | 18. DCXLVIII |
| 7. XXIII | 20. XL |
| 8. CCXXVI | 21. CCCLXXVI |
| 9. MCDXCIV | 22. CCCL |
| 11. DLXVII | 23. CC |

Down

- | | |
|---------------|-----------------|
| 2. CXLII | 10. MMMMCCLVIII |
| 3. MMMMCCCLXV | 12. DCLXXVIII |
| 4. CCCXXIV | 14. MMDCLXXII |
| 5. CDXXXIX | 16. CCXLV |
| 8. MMXLIII | 17. DCC |
| 9. CLXXII | 19. CCCCLX |

Crossum Puzzle ~ D3

The clues are given as Roman Numbers. They are to be changed into modern (base 10) numbers, such as we normally use, and written in on the grid. The first one has been done.



Across

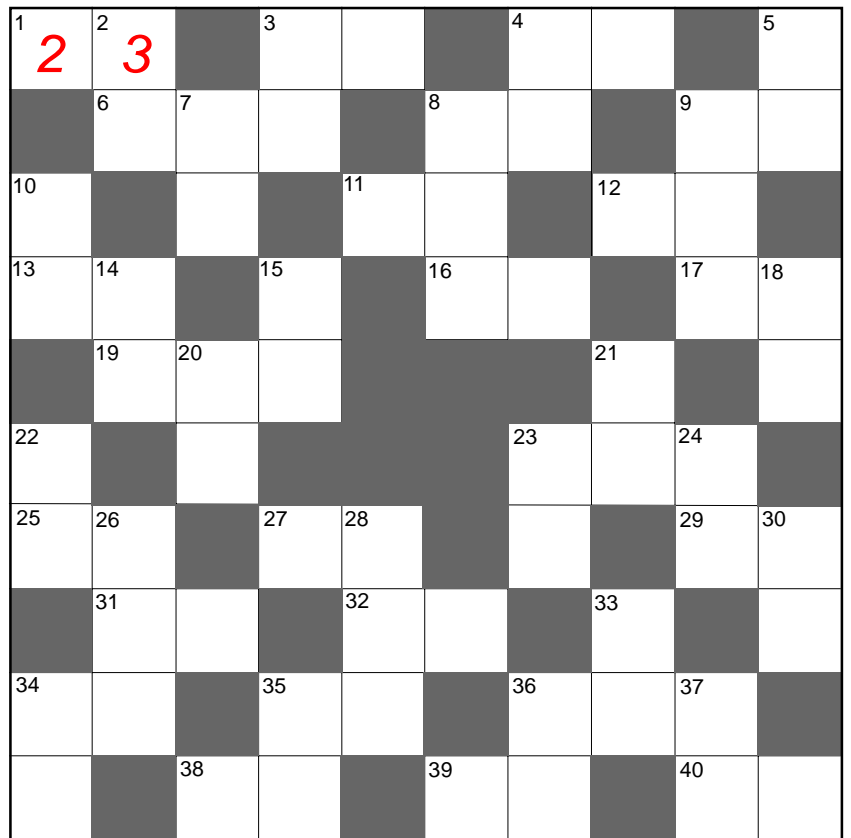
- | | |
|-------------|--------------|
| 1. XV ✓ | 23. CLXXXIII |
| 3. XXIX | 25. XLVI |
| 4. IC | 27. LXXIV |
| 6. CCLXXIII | 29. XVII |
| 8. XLV | 31. XVI |
| 9. XXIV | 32. XVIII |
| 11. LX | 34. LXIII |
| 12. XLVIII | 35. L |
| 13. LXI | 36. CMVII |
| 16. XXI | 38. LXXXVII |
| 17. LXXI | 39. XLII |
| 19. CMXVII | 40. LXV |

Down

- | | |
|--------------|------------|
| 2. LII | 21. XLVIII |
| 3. XXIII | 22. XIV |
| 4. XCV | 23. X |
| 5. XXXIV | 24. XXXI |
| 7. LXXII | 26. DCXIII |
| 8. CDII | 28. CDX |
| 9. CCLXXXVII | 30. LXXIX |
| 10. XVI | 33. XL |
| 14. XIX | 34. LXIX |
| 15. XLVII | 35. LVII |
| 18. XIII | 36. XCII |
| 20. XII | 37. LXXVI |

Crossum Puzzle ~ D4

The clues are given as Roman Numbers. They are to be changed into modern (base 10) numbers, such as we normally use, and written in on the grid. The first one has been done.



Across

- | | |
|-------------|------------|
| 1. XXIII ✓ | 23. CCCVI |
| 3. LVI | 25. XXVIII |
| 4. LXXXII | 27. LXXXI |
| 6. CDXXI | 29. XXXV |
| 8. LIX | 31. XVIII |
| 9. XXV | 32. L |
| 11. XLIII | 34. IL |
| 12. XXXVI | 35. XCIII |
| 13. XIII | 36. CMV |
| 16. LXI | 38. XXVI |
| 17. LXXXVI | 39. XVII |
| 19. CMLXXVI | 40. XXIV |

Down

- | | |
|-------------|-------------|
| 2. XXXIV | 21. XL |
| 3. LI | 22. XII |
| 4. LXXXIX | 23. XXXVII |
| 5. XV | 24. LXIII |
| 7. XXIX | 26. DCCCXIX |
| 8. DXXXVI | 28. CLIII |
| 9. CCLXVIII | 30. LVIII |
| 10. LXXI | 33. XC |
| 14. XXXIX | 34. XLI |
| 15. LXXVI | 35. XCVI |
| 18. LXIX | 36. XCVII |
| 20. LXXVIII | 37. LII |

Crossum Puzzle ~ D5

The clues are given as modern (base 10) numbers such as we normally use. They are to be changed into Roman Numbers and written in on the grid. The first one has been done.

| | | | | | | | | | | | | | |
|----|----------|----------|----|----------|----|----------|--|----|----|----|----|----|----|
| 1 | <i>C</i> | <i>C</i> | 2 | <i>I</i> | 3 | <i>C</i> | | 4 | | 5 | 6 | | 7 |
| | | | 8 | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 9 | 10 | | | 11 | 12 | | | 13 | | | | 14 | |
| | | 15 | 16 | | 17 | | | | | 18 | | | |
| 19 | | | | | | | | 20 | | | | | |
| | | 21 | | | 22 | 23 | | | 24 | | | | |
| 25 | | | | 26 | | | | | 27 | | | 28 | 29 |
| | | | | | | | | | | | | | |
| | | | 30 | | | | | | | | 31 | | |
| 32 | | | | | | | | | 33 | | | | |

Across

- | | |
|----------|---------|
| 1. 299 ✓ | 20. 23 |
| 5. 29 | 21. 2 |
| 8. 227 | 22. 45 |
| 9. 9 | 24. 6 |
| 11. 221 | 25. 51 |
| 14. 105 | 26. 129 |
| 15. 20 | 28. 49 |
| 17. 59 | 30. 329 |
| 18. 90 | 32. 22 |
| 19. 79 | 33. 17 |

Down

- | | |
|---------|---------|
| 1. 107 | 14. 203 |
| 2. 99 | 16. 21 |
| 3. 290 | 18. 14 |
| 4. 81 | 23. 85 |
| 5. 13 | 25. 69 |
| 6. 11 | 26. 301 |
| 7. 24 | 27. 29 |
| 10. 32 | 29. 66 |
| 12. 180 | 30. 101 |
| 13. 36 | 31. 15 |

Crossum Puzzle ~ D6

The clues are given as modern (base 10) numbers such as we normally use. They are to be changed into Roman Numbers and written in on the grid. The first one has been done.

| | | | | | | | | | | | | | | |
|----|----------|----------|----|----------|----|----------|--|----|----|----|----|----|----|---|
| 1 | <i>M</i> | <i>C</i> | 2 | <i>X</i> | 3 | <i>C</i> | | 4 | | 5 | | 6 | | 7 |
| | | | 8 | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 9 | 10 | | 11 | 12 | | 13 | | | | | | 14 | | |
| | 15 | 16 | | 17 | | | | | | 18 | | | | |
| 19 | | | | | | | | 20 | | | | | | |
| | 21 | | | 22 | 23 | | | | 24 | | | | | |
| 25 | | | 26 | | | | | | 27 | | | 28 | 29 | |
| | | | | | | | | | | | | | | |
| | | | 30 | | | | | | | | 31 | | | |
| 32 | | | | | | | | | | 33 | | | | |

Across

- | | |
|-----------|----------|
| 1. 1190 ✓ | 20. 43 |
| 5. 609 | 21. 11 |
| 8. 1365 | 22. 91 |
| 9. 95 | 24. 6 |
| 11. 245 | 25. 1001 |
| 14. 101 | 26. 129 |
| 15. 110 | 28. 9 |
| 17. 109 | 30. 1424 |
| 18. 90 | 32. 35 |
| 19. 169 | 33. 13 |

Down

- | | |
|---------|----------|
| 1. 1905 | 14. 203 |
| 2. 990 | 16. 21 |
| 3. 295 | 18. 14 |
| 4. 661 | 23. 131 |
| 5. 514 | 25. 2020 |
| 6. 105 | 26. 195 |
| 7. 22 | 27. 29 |
| 10. 261 | 29. 42 |
| 12. 230 | 30. 1010 |
| 13. 72 | 31. 6 |

Crosssum Puzzle ~ D7

The clues are given as sums in Roman Numbers. After the answers have been worked out, no matter what method is used, the answer is also to be expressed in Roman Numbers and written in on the grid. The first one has been done.

| | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|--|----|----|----|----|--|---|
| 1 | C | C | 2 | X | 3 | C | | 4 | | 5 | 6 | | 7 |
| | | | 8 | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 9 | 10 | | 11 | 12 | | 13 | | | | 14 | | | |
| | 15 | 16 | | 17 | | | | | 18 | | | | |
| 19 | | | | | | | | 20 | | | | | |
| | 21 | | | 22 | 23 | | | | 24 | | | | |
| 25 | | | 26 | | | | | 27 | | 28 | 29 | | |
| | | | | | | | | | | | | | |
| | | | 30 | | | | | | | 31 | | | |
| 32 | | | | | | | | | 33 | | | | |

Across

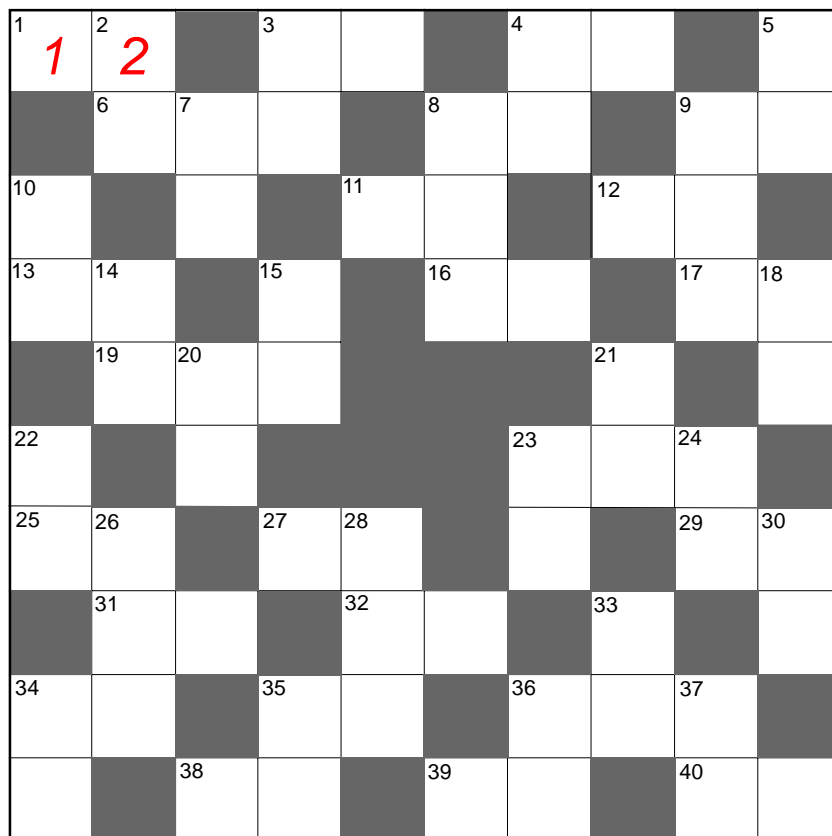
1. CLX + CXXX ✓
5. VI × IV
8. CLVIII + LXXXV
9. CLX ÷ VIII
11. CCCXLVI - CXXV
14. CCVI - CVC
15. V × VIII
17. XXIV + XXXV
18. LXXVI - LVI
19. XV + LXIV
20. LXVIII ÷ II
21. LII ÷ XIII
22. CVIII - LXVII
24. XLI - XXXIX
25. LXXXVIII + XVII
26. XLVII + LXXXII
28. II + III + IV
30. CCLVI - XXIX
32. III × VIII
33. CXXXVI ÷ VIII

Down

1. LXXXVII + LXXII
2. XLV × II
3. CCC - X
4. CLVI + XV
5. XXXIX ÷ III
6. LV - XLIV
7. XXXII ÷ IV
10. XVII × II
12. XCI + LXXXIX
13. XVII + XV
14. CXV ÷ V
16. XIII × V
18. LXXXVI - LXV
23. XLVII + XXXVIII
25. XVII × X
26. CII + XCIII
27. XXX - I
29. CII ÷ VI
30. LV + XLVI
31. C ÷ XXV

Crosssum Puzzle ~ D8

The clues are given as Binary Numbers. They are to be changed into Base 10 numbers (such as we normally use) and written in on the grid. The first one has been done.



Across

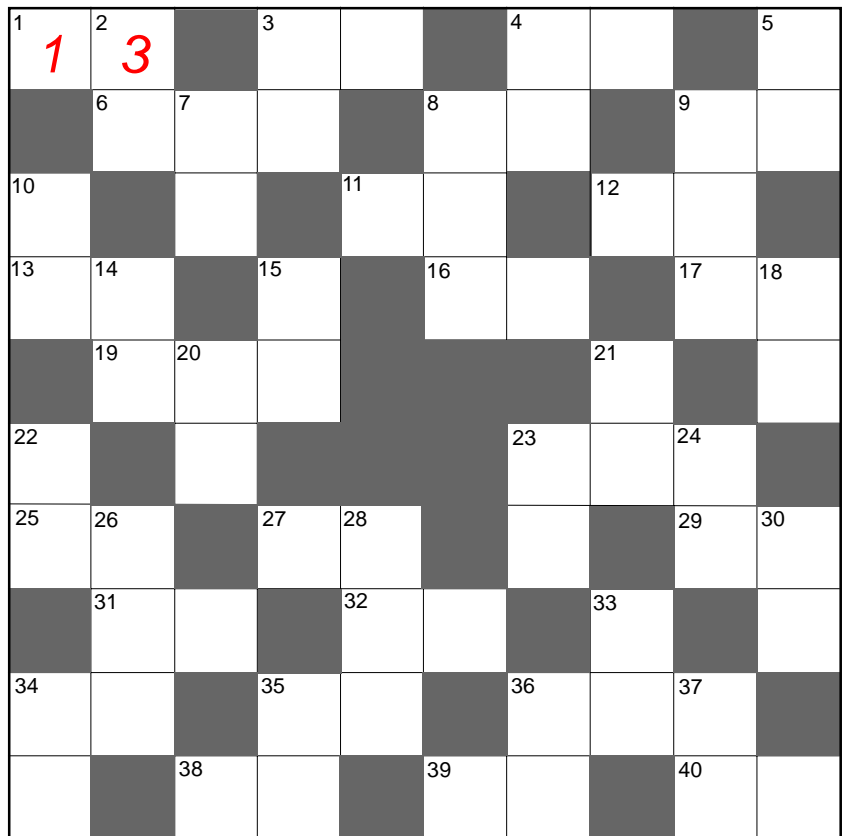
- | | | | |
|-----|----------|-----|----------|
| 1. | 1100 ✓ | 23. | 10000011 |
| 3. | 11111 | 25. | 110011 |
| 4. | 11011 | 27. | 111101 |
| 6. | 1111111 | 29. | 1000101 |
| 8. | 10011 | 31. | 1101 |
| 9. | 1110 | 32. | 101011 |
| 11. | 101000 | 34. | 1011011 |
| 12. | 110110 | 35. | 10110 |
| 13. | 100101 | 36. | 10111000 |
| 16. | 11001 | 38. | 1001100 |
| 17. | 1010010 | 39. | 1010 |
| 19. | 10011110 | 40. | 1011111 |

Down

- | | | | |
|-----|----------|-----|----------|
| 2. | 10101 | 21. | 110101 |
| 3. | 100101 | 22. | 100011 |
| 4. | 11101 | 23. | 1111 |
| 5. | 1000000 | 24. | 10000 |
| 7. | 11000 | 26. | 1101111 |
| 8. | 1100110 | 28. | 10001110 |
| 9. | 10010100 | 30. | 1011011 |
| 10. | 111111 | 33. | 1011000 |
| 14. | 1000111 | 34. | 1100010 |
| 15. | 111010 | 35. | 11010 |
| 18. | 11010 | 36. | 1010 |
| 20. | 110010 | 37. | 110001 |

Crossum Puzzle ~ D9

The clues are given as Binary Numbers. They are to be changed into Base 10 numbers (such as we normally use) and written in on the grid. The first one has been done.



Across

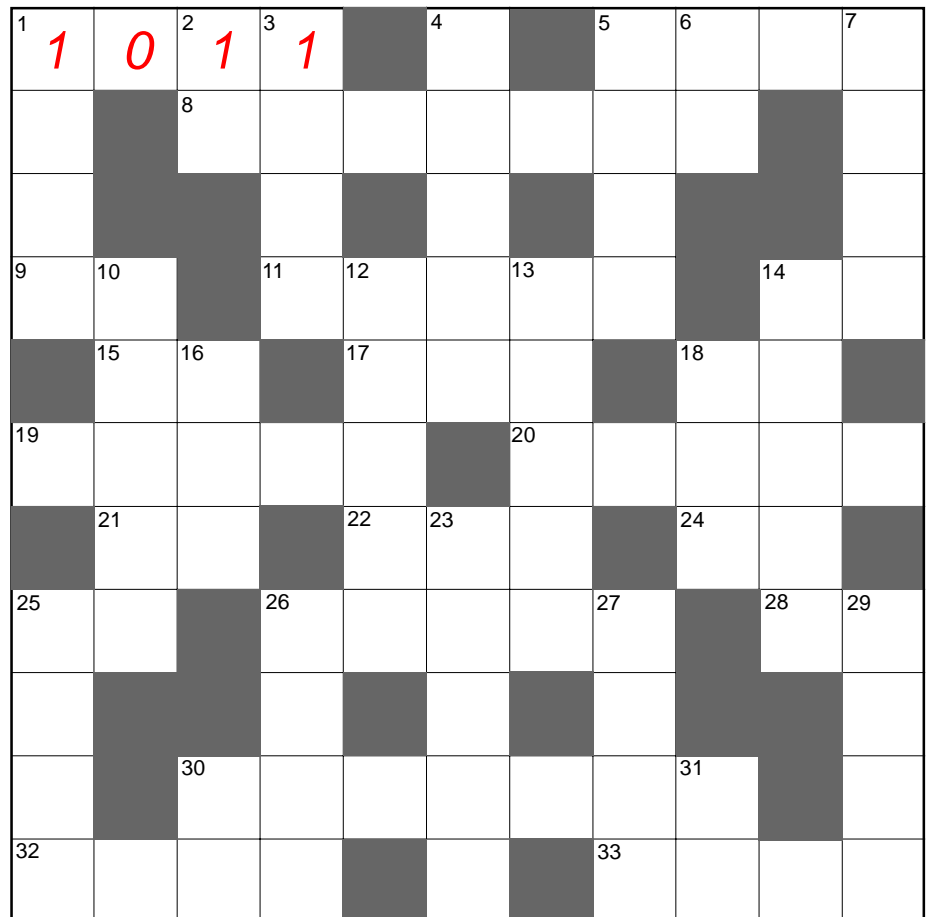
- | | |
|--------------|--------------|
| 1. 1101 ✓ | 23. 1111001 |
| 3. 101001 | 25. 11111 |
| 4. 100000 | 27. 111101 |
| 6. 10000000 | 29. 1011011 |
| 8. 1110 | 31. 1100011 |
| 9. 10001 | 32. 110101 |
| 11. 101000 | 34. 11100 |
| 12. 10100 | 35. 101111 |
| 13. 1000011 | 36. 10111010 |
| 16. 1010 | 38. 1001111 |
| 17. 1000101 | 39. 110100 |
| 19. 10000111 | 40. 111010 |

Down

- | | |
|-------------|--------------|
| 2. 11111 | 21. 10110 |
| 3. 110000 | 22. 111111 |
| 4. 100010 | 23. 1011 |
| 5. 11011 | 24. 10011 |
| 7. 11000 | 26. 11000110 |
| 8. 1100101 | 28. 10011101 |
| 9. 1101010 | 30. 1111 |
| 10. 10000 | 33. 110000 |
| 14. 1000111 | 34. 11101 |
| 15. 11001 | 35. 110001 |
| 18. 1011101 | 36. 1100 |
| 20. 100110 | 37. 1000001 |

Crossum Puzzle ~ D10

The clues are given as Base 10 numbers (such as we normally use). They are to be changed into Base 2 (or Binary) numbers and written in on the grid. The first one has been done.



Across

- | | | | | |
|-----|----|-----|-----|----|
| 1. | 11 | ✓ | 20. | 24 |
| 5. | 13 | 21. | 2 | |
| 8. | 86 | 22. | 6 | |
| 9. | 3 | 24. | 2 | |
| 11. | 27 | 25. | 3 | |
| 14. | 2 | 26. | 21 | |
| 15. | 3 | 28. | 3 | |
| 17. | 5 | 30. | 85 | |
| 18. | 2 | 32. | 14 | |
| 19. | 17 | 33. | 9 | |

Down

- | | | | |
|-----|----|-----|----|
| 1. | 15 | 14. | 17 |
| 2. | 3 | 16. | 4 |
| 3. | 9 | 18. | 5 |
| 4. | 20 | 23. | 24 |
| 5. | 15 | 25. | 13 |
| 6. | 2 | 26. | 12 |
| 7. | 8 | 27. | 9 |
| 10. | 27 | 29. | 15 |
| 12. | 30 | 30. | 3 |
| 13. | 28 | 31. | 2 |

Crossum Puzzle ~ D11

The clues are given as Base 10 numbers (such as we normally use). They are to be changed into Base 2 (or Binary) numbers and written in on the grid. The first one has been done.

However, not all the clues are there. First do all those that have been given. This should fill the grid with 1's and 0's. Then, work 'backwards' and fill in the missing clues.

| | | | | | | | | | | | | | | |
|----|---|----|----|----|----|----|--|----|--|----|--|----|----|----|
| 1 | 1 | 0 | 1 | 1 | | | | | | | | | | |
| | | | 8 | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| 9 | | | | 11 | 12 | | | 13 | | | | | 14 | |
| | | 15 | 16 | | 17 | | | | | 18 | | | | |
| 19 | | | | | | | | 20 | | | | | | |
| | | 21 | | | 22 | 23 | | | | 24 | | | | |
| 25 | | | | 26 | | | | | | 27 | | | 28 | 29 |
| | | | | | | | | | | | | | | |
| | | | 30 | | | | | | | | | 31 | | |
| 32 | | | | | | | | | | 33 | | | | |

Across

- | | | | | | |
|-----|-----|---|-----|-----|--|
| 1. | 11 | ✓ | 20. | 29 | |
| 5. | 13 | | 21. | — | |
| 8. | 108 | | 22. | — | |
| 9. | — | | 24. | 2 | |
| 11. | — | | 25. | — | |
| 14. | 3 | | 26. | — | |
| 15. | — | | 28. | 3 | |
| 17. | — | | 30. | 125 | |
| 18. | 2 | | 32. | 10 | |
| 19. | 21 | | 33. | 12 | |

Down

- | | | | | | |
|-----|----|--|-----|----|--|
| 1. | 11 | | 14. | — | |
| 2. | — | | 16. | 6 | |
| 3. | 15 | | 18. | — | |
| 4. | 26 | | 23. | 23 | |
| 5. | 10 | | 25. | 9 | |
| 6. | — | | 26. | 14 | |
| 7. | 15 | | 27. | 9 | |
| 10. | 26 | | 29. | 8 | |
| 12. | 30 | | 30. | — | |
| 13. | 29 | | 31. | — | |

Crosssum Puzzle ~ D12

The clues are given as sums in Binary Numbers. After the answers have been worked out, no matter what method is used, the answer is also to be expressed in Binary Numbers and written in on the grid. The first one has been done.

| | | | | | | | | |
|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | |
| 1 | 0 | 1 | 1 | | | | | |
| | | 8 | | | | | | |
| | | | | | | | | |
| 9 | 10 | | 11 | 12 | 13 | 14 | | |
| | 15 | 16 | | 17 | | 18 | | |
| 19 | | | | | 20 | | | |
| | 21 | | 22 | 23 | | 24 | | |
| 25 | | | 26 | | | 27 | 28 | 29 |
| | | | | | | | | |
| | | 30 | | | | | 31 | |
| 32 | | | | | | 33 | | |

Across

- | | |
|--------------------|------------------|
| 1. 101 + 110 ✓ | 20. 111 × 11 |
| 5. 1001 + 100 | 21. 1001 ÷ 11 |
| 8. 101100 + 101101 | 22. 10 × 11 |
| 9. 110 ÷ 10 | 24. 1110 - 1011 |
| 11. 1101 × 10 | 25. 1010 ÷ 101 |
| 14. 110 ÷ 11 | 26. 111 + 1100 |
| 15. 111 - 100 | 28. 10010 - 1111 |
| 17. 1000 - 1 | 30. 11101 × 11 |
| 18. 1010 - 111 | 32. 10100 - 1001 |
| 19. 100000 - 110 | 33. 10100 - 111 |

Down

- | | |
|------------------|--------------------|
| 1. 110 + 111 | 14. 11 × 11 × 11 |
| 2. 1100 ÷ 100 | 16. 1111 ÷ 11 |
| 3. 11 × 11 | 18. 10011 - 1100 |
| 4. 101 × 101 | 23. 111 × 11 |
| 5. 100 + 100 | 25. 11111 - 10100 |
| 6. 11000 ÷ 1000 | 26. 110100 ÷ 100 |
| 7. 11000 ÷ 11 | 27. 101 × 11 |
| 10. 1111 + 1111 | 29. 10000 - 111 |
| 12. 1101 + 1101 | 30. 10011 - 10000 |
| 13. 1100 + 10001 | 31. 110000 ÷ 10000 |