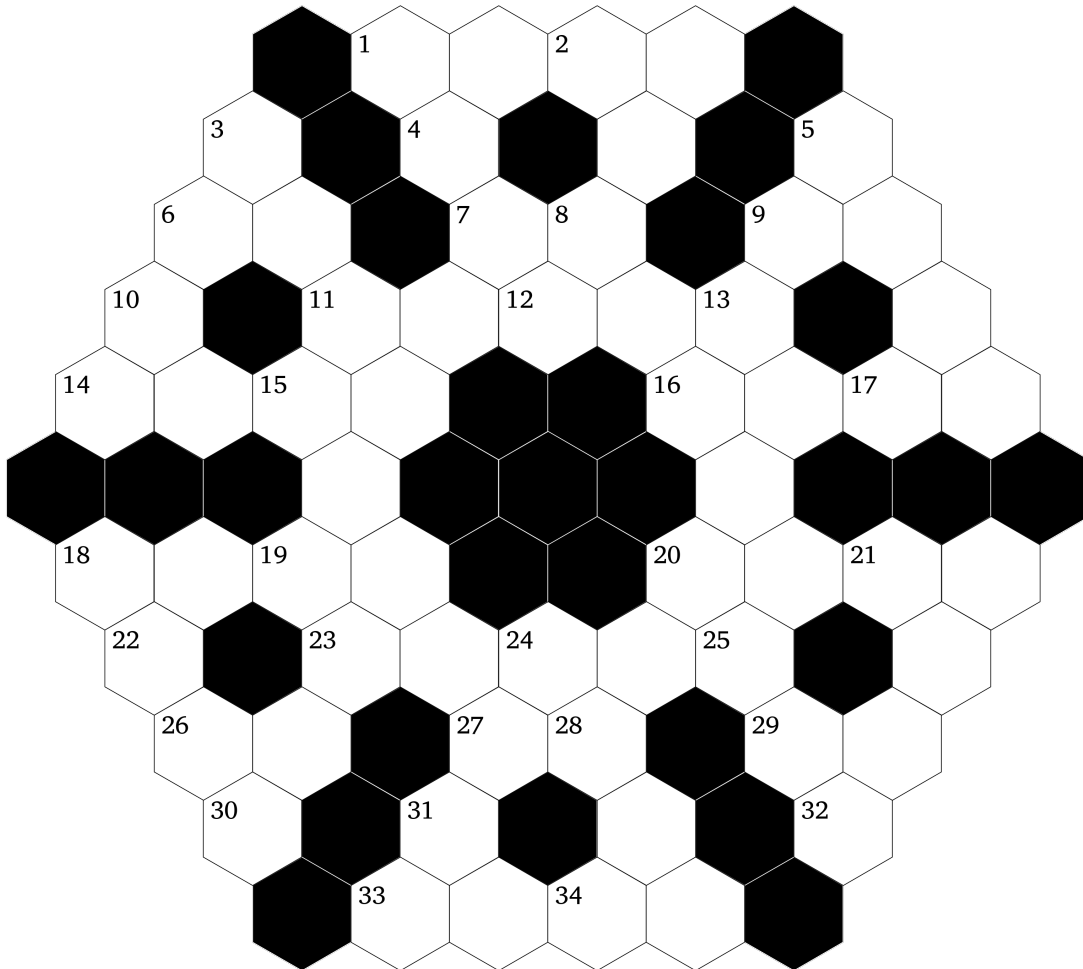
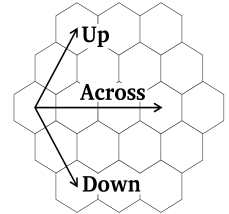


# TripleCross - Hard Puzzle #1

This puzzle is like a crossword, but with numbers. Each digit occupies a hexagonal cell and can be a part of a "word" in the across, up, and down directions.

**Rules:**

1. "Words" may not start with a zero.
2. "Words" in the 'across' direction read from left to right.
3. "Words" in the 'up' direction read along the upward diagonal to the right.
4. "Words" in the 'down' direction read along the downward diagonal to the right.
5. There is one unique solution which satisfies all the clues given below.
6. Some "words" may not have clues. They will be determined by the "words" which intersect them.



**Across**

- 1** Ten times a prime number  
**6** 3 down divided by thirty-nine  
**7** 9 across minus 2 down  
**9** 25 up minus 19 down  
**11** Sixty-eight times a prime number  
**14** Eleven times a prime number  
**16** Seventy times a prime number  
**18** 14 across plus 22 up  
**20** Two hundred sixteen less than 16 up  
**23** Ten thousand two hundred forty-six less than 11 across  
**26** 19 down plus 25 up  
**27** 15 up plus 17 up  
**29** 7 across plus 10 down  
**33** Forty-eight times a prime number

**Up**

- 4** 26 across minus 21 down  
**12** 18 across minus 30 up  
**14** Eleven times a prime number  
**15** Mean of 34 up and 2 down  
**16** Fifty-seven times a prime number  
**17** 26 across minus 22 up  
**19** A prime number  
**22** Mean of 34 up and 10 down  
**25** Same as 34 up  
**28** A palindrome  
**30** Half of 12 up, then subtract 27 across  
**32** Thirteen times a prime number  
**33** Half of 5 down, then subtract 6 across  
**34** Mean of 9 across and 26 across

**Down**

- 1** 20 across minus half of 16 across  
**2** 26 across minus 9 across  
**3** Mean of 16 up and 26 across  
**5** Twenty times a prime number  
**8** Mean of 19 up and 32 up  
**10** Mean of 13 down and 2 down  
**13** Mean of 2 down and 15 up  
**15** Eight thousand two hundred sixty-seven less than 28 up  
**18** Two thousand one hundred twelve more than 5 down  
**19** 34 up minus 9 across  
**20** Twice the result of 33 across minus 4 up  
**21** Mean of 15 up and 13 down  
**24** 33 up minus 31 down  
**31** 27 across reversed

Solution:

