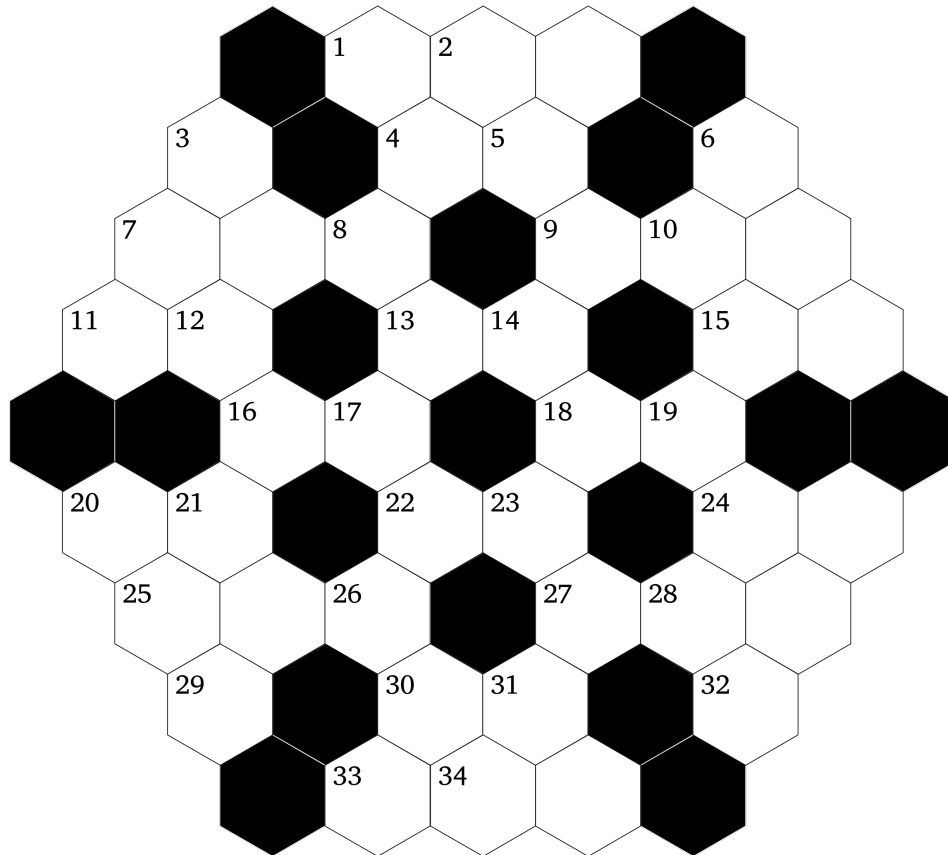
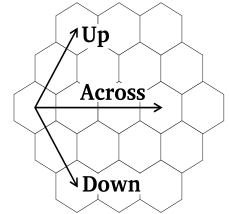


# TripleCross - Challenging Puzzle #17

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** Mean of 25 across and 15 across  
**4** 23 down minus 15 across  
**7** 6 down minus 24 across  
**9** 28 down plus 16 across  
**11** 14 down plus 22 across  
**13** A square  
**15** 8 down minus 23 down  
**16** 19 up minus 24 across  
**18** 4 across minus 28 up  
**20** Mean of 30 across and 33 up  
**22** 18 across plus 1 down  
**24** 31 down reversed  
**25** 7 across plus 21 down  
**27** One hundred eighty-three less than 25  
 up  
**30** 19 down minus 23 up  
**33** 23 down plus 16 across

**Up**

- 5** A square  
**8** 28 up times 31 down  
**10** 19 up minus 23 up  
**11** Twice a prime number  
**12** 21 down reversed  
**14** Mean of 22 across and 3 down  
**17** 5 up plus half of 13 across  
**19** 32 up minus 18 across  
**23** A square  
**25** Thirteen times 28 up  
**26** 8 down minus 18 across  
**28** Mean of 16 across and 30 across  
**29** Mean of 22 across and 9 across  
**32** 11 across plus half of 20 across  
**33** 4 across minus 16 across  
**34** First two digits are the same as 14  
 down

**Down**

- 1** Half of 12 up  
**2** 33 across plus 34 up  
**3** 28 up minus 14 up  
**6** A square  
**7** 26 down plus 10 down  
**8** Mean of 33 across and 1 down  
**10** 19 up minus 29 up  
**14** 22 across minus 33 up  
**17** 16 across reversed  
**19** 12 up plus 22 across  
**20** Mean of 6 down and 4 across  
**21** A square  
**23** 30 across plus 31 down  
**26** Twice the result of 1 across minus 33  
 up  
**28** 4 across minus 31 down  
**31** 9 across divided by eight

Solution:

