

Weighted Diagonal

In this cross-number puzzle, each square in the diagram is to contain a digit from 1 to 9; no zeroes are used.

DIAGONAL

- 1 From top to bottom, each digit is greater than the digit preceding it.

ACROSS

- 1 A number divisible by 11.
- 3 The number formed by the first two digits is the sum of the last two digits.
- 6 Each digit is greater than or equal to the digit preceding it.
- 8 The last digit is odd.
- 9 A number divisible by 11.

DOWN

- 1 See 4-Down.
- 2 The number formed by the last two digits is twice the number formed by the first two digits.
- 4 The sum of 1-Down and 7-Down.
- 5 The number formed by the last two digits is twice the number formed by the first two digits.
- 7 See 4-Down.

