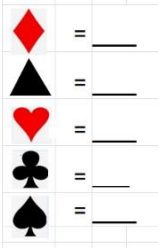
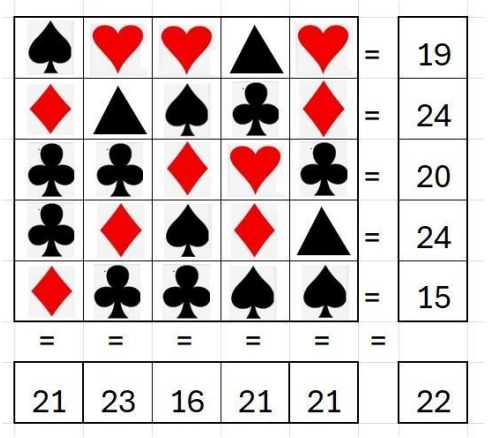
# Gordon Burgin's Puzzles

## November 2025 challenge

### What's the value?

Each of the five symbols below stand for a different number. In order to reach the totals at the end of each row and the bottom of each column and a diagonal, what is the value of the diamond, triangle, heart, club and spade?




### Riddle Challenges

1. In a stable there are men and horses. In all, there are 22 heads and 72 feet. How many men and how many horses are in the stable?
2. Dr Watson has a new card puzzle for Sherlock Holmes. He picks four cards out of the pack of 52 cards and lays them face down on the table. He offers five hints to Sherlock (below). Sherlock smiles and tells all the four cards to Dr Watson. What did he say?
    a. Any card cannot be greater than the one to its right.
    b. The difference between the 1st card and 3rd card equals eight.
    c. None of the Aces is present
    d. No face card has been included i.e. no queen king and jacks.
    e. The difference between the 2nd and 4th card is 7.
3. When completed in 1889 for the world fair in Paris, the Eiffel Tower was considered an 'Engineering innovation' but a 'Monstrous creation' and at the time, was the tallest man-made structure in the world. Designed by the French engineer Alexandre-Gustave Eiffel, its original height can be determined by the following description as 492 feet plus half its original height. From this description, can you determine the original height of the Tower (in feet and in meters)?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