

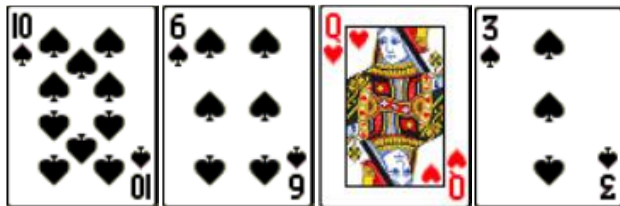
24 - The Card Game

Name:

24 is a card game that can be played individually or against opponents. In each round, 4 playing cards are drawn. The object of this card game is to use addition, subtraction, multiplication, division, and/or brackets to reach a score of 24. If 24 is not possible, then the person with the closest score to 24 wins.

Note: Ace = 1, a Jack = 11, a Queen = 12, and a King = 13

For example:



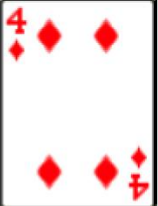
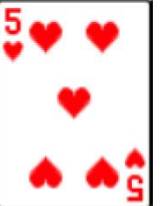
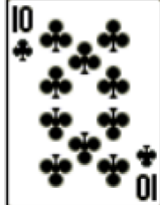


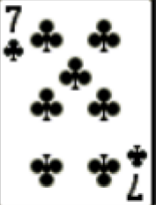
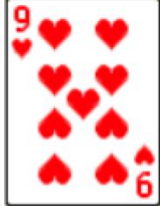


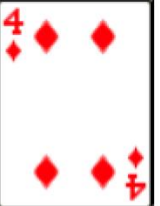
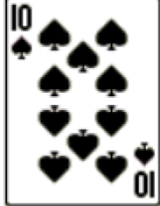
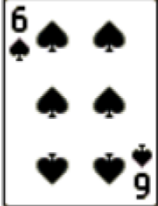

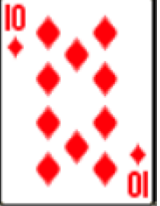
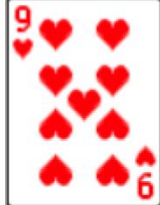
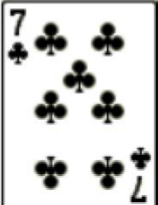
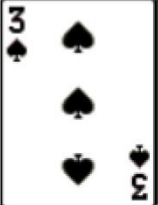
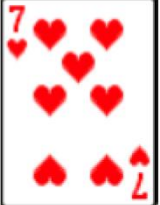
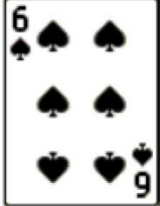
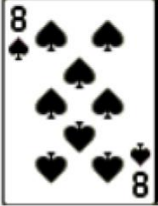

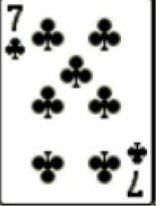


A player might choose $10 + 6 + 12 - 3$, which would give them a score of 25.
 Another player might choose $10 + (6 \div 3) + 12$, which would give them a score of 24 to win the round.

Try to come up with a solution of 24 with the following cards. Be sure to show your thinking and use proper mathematical notation and symbols.

Pro Tip: If typing in Microsoft Word, go to *Insert -> Equation* and use the features to type your equation.

Cards	My Solution

Need practice or want to try it against friends?
 You can play the game with a deck of cards or online at:
<http://www.coolmath-games.com/0-make24>