

# GOLDBACH'S CONJECTURE

Goldbach was a German mathematician and in 1742 he made a guess that every even number except two is the sum of two prime numbers. Many mathematicians have studied this problem and it has been tested with very large numbers. Goldbach's conjecture (guess) is one of the oldest unsolved problems in number theory and in all of mathematics.

It is your turn, to act like a mathematician and verify Goldbach's conjecture for these numbers by expressing each of them as the sum of two primes.



1.  $\boxed{4} = \square + \square$
2.  $\boxed{6} = \square + \square$
3.  $\boxed{10} = \square + \square$
4.  $\boxed{14} = \square + \square$
5.  $\boxed{16} = \square + \square$
6.  $\boxed{18} = \square + \square$
7.  $\boxed{20} = \square + \square$
8.  $\boxed{40} = \square + \square$
9.  $\boxed{56} = \square + \square$
10.  $\boxed{100} = \square + \square$