

1. Theresa's parents have agreed to buy her tickets to see her favorite band if she spends an average of 10 hours per week helping around the house for 6 weeks. For the first 5 weeks she helps around the house for 8, 11, 7, 12 and 10 hours. How many hours must she work for the final week to earn the tickets?
2. A haunted house has six windows. In how many ways can Georgie the Ghost enter the house by one window and leave by a different window?
3. What is the sum of the two smallest prime factors of 250?
4. The average age of 5 people in a room is 30 years. An 18-year-old person leaves the room. What is the average age of the four remaining people?
5. For any positive integer n , define \boxed{n} to be the sum of the positive factors of n . For example,
 $\boxed{6} = 1 + 2 + 3 + 6 = 12$. Find $\boxed{\boxed{11}}$