Quiz #6

Points: There are two problems on this quiz; each is worth 5 points.

1. Correctly complete the summation below by filling in the two blanks. The blank on top of the summation should be an integer > 2. Do not change the expression "$j = 1$" below the summation.

$$1 - 2 + 3 - 4 + 5 = \sum_{j=1}^{\boxed{}} \boxed{}$$

2. Calculate the value of
$$20 + 21 + 22 + \cdots + 100.$$

You must show appropriate work to receive full credit.

Answer: $\boxed{}$ (Simplify your answer.)