AP CSP 0.1 homework

1. Covert follow number to binary.

127

53

84

98

1. Covert follow binary number to decimal

11001100

10110010

1. Covert follow number to TWO’s complement notation (in 8bits).

-89

-67

37

115

1. Do follow binary addition. (there is no limit of length of result, therefore no overflow)

111001+101010

100001+111111

1. Do follow binary addition in TWO’s complement.

10110011+01011111

1. Convert follow number to TWO’s complement then add together.

-127+100

7. How many bits we need at least to represent -513.