Binary Arithmetic

Directions: Add the following 1 byte binary numbers.

Directions: Convert the following decimal numbers into a 1 byte binary number then add them together.

Directions: Convert the following decimal numbers into a 2's complement binary number.

Directions: Convert the following decimal numbers into a 1 byte binary numbers then subtract them using 2's complement.

Directions: Assume you are using a 1 byte system and numbers can only be stored in a singly byte. Also assume that the most significant digit of a number is its sign bit. Add the following binary numbers together. Then convert the resulting binary number into a decimal number.

Question: Which of the two problems produced a correct answer? (1, 2, both, neither)