CS251 Twos Complement Worksheet

Write each number as a six-bit twos complement binary number. Work each problem by hand (no calculators or conversion problems). Show your work.

1. -19

2. -12

3. -17

4. -31

Convert each six-bit twos complement binary number to base 10.

5. `111011`

6. `100010`

7. `000010`

8. `111000`