Classwork 2

Convert to decimal

1. $101_2 = 5$

2. $1010101_2 = 85$

3. $0101010_2 = 42$

4. $11111111_2 = 255$

5. $1100110011001101_2 = 52429$

6. $11111111111111111111_2 = 1,048,575$

7. $111100001111_2 = 3855$

8. $100000000000_2 = 4096$

9. $101010111100110111101111_2 = 11259375$

Convert to Binary

1. $5421_{10} = 1010100101101$

2. $80_{10} = 1010000$

3. $12345_{10} = 110000011101$

4. $15_{10} = 1111$

5. $65535_{10} = 1111111111111111$

6. $32767_{10} = 111111111111111$