

# 1 Bakuro Exercise

					Col: — Row: 43
					Col: — Row: 34
					Col: — Row: 49
			Col: 23— Row: 32		Col: — Row: 7
					Col: — Row: 50
Col: 53— Row:	Col: 43— Row:	Col: 36— Row:	Col: 7— Row:	Col: 53— Row:	

Convert the following binary values to decimal in their unsigned representation, 1s complement and 2s complement

1. 0111 1111
2. 0111 1110
3. 0000 0010
4. 0000 0001
5. 0000 0000
6. 1111 1111
7. 1111 1110
8. 1000 0010
9. 1000 0001
10. 1000 0000

What are the results of the following operations? Answers in both binary and decimal (Note: the binary numbers are unsigned)

1. 11110 - 01011
2. 01011 + 11010
3. 11010 + 01111
4. 10010 - 01111
5. 10010 + 01001
6. 01001 + 11011
7. 11011 + 11000
8. 11000 - 01110
9. 01110 + 10110
10. 10110 + 11001
11. 11001 - 10001
12. 10001 - 01000
13. 01000 + 01100
14. 01100 + 11100
15. 11100 - 10011
16. 11111 - 10011