

**Complete the following table:**

8-bit binary	Hexadecimal	Denary
0000 1010		
0000 1110		
		15
	4E	
1110 0100		
		167
	9F	
		255
	DC	

**Complete the following table:**

Denary	Positive Binary Representation	Negative Binary Representation
-47		
	0100 0101	
		11000011
		1111 0000

**Simple Binary Arithmetic**

Convert the following numbers to 8-bit signed integers and solve the equation.

Show your working.

1.  $15 + 27$

2.  $107 + 6$

3.  $14 + 92$

**Simple Binary Arithmetic**

Convert the following numbers to 8-bit signed integers and solve the equation.

Show your working.

1.  $27 - 15$

2.  $107 - 6$

3.  $14 - 92$