

Binary Shift

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1. Perform a binary shift 1 place to the left on the following numbers

Bin	Dec	Shift 1 Left	Dec
00000010			
00011010			
00100011			

2. Look at the results What do you think is happening?

3. Perform a binary shift 2 places to the left on the following numbers

Bin	Dec	Shift 2 Left	Dec
00000010			
00011010			
00100011			

4. Look at the results What do you think is happening when you shift 2 places left?

5. What do you think might happen if we shifted more places to the left?

6. Perform a binary shift 1 place to the right on the following numbers

Bin	Dec	Shift 1 Right	Dec
00000010			

00011010			
00100011			

7. Look at the results What do you think is happening when you shift 1 place right?

8. What issues or problem is there with this method?

Ext. Explain how you think you might carry out the calculation 15×3 in binary.