

01 Convert the decimal number 99 into binary. Write your answer as an 8-bit binary number.

[1 mark]

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02.1 How many megabytes are there in 3 terabytes? Show your working.

[2 marks]

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03.1 Add together the following three binary numbers and give your answer in 8 bit binary

[2 marks]

$$\begin{array}{r} 00100010 \\ 01000011 \\ + 00100100 \\ \hline \end{array}$$

.....
.....

03.2 Add together the following three binary numbers and give your answer in 8 bit binary

[2 marks]

$$\begin{array}{r} 00100010 \\ 10100010 \\ + 00101101 \\ \hline \end{array}$$

.....
.....

03.3 Add together the following three binary numbers and give your answer in 8 bit binary

[2 marks]

$$\begin{array}{r} 10010111 \\ 01001011 \\ + 00001101 \\ \hline \end{array}$$

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