8 **(a)** Convert the hexadecimal number 1FAB into denary.

Working .....

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Denary value ..... [1]

(b) Explain how to convert the two's complement integer 10011111 into denary. Give the denary value after conversion.

Explanation .....

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Denary value .....
[3]

(c) Describe the difference between a right logical binary shift and a right arithmetic binary shift.

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..... [2]