

1. A leaderboard shows teams and their scores.

Position	Team	Score
1	Harry Putter	81
2	Par Tee	79
3	Sandy	77

- (a) A computer system stores the scores as binary numbers.

Convert the denary number 79 to an 8-bit binary number.

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- (b) A computer system stores the team names using extended ASCII code.

Calculate the number of bits required to store the team name:

Par Tee

1