

(d) Mary drove from Cork to Dublin at an average speed of 96 km/h. Jane drove the same journey at an average speed of 112 km/h. Each travelled 260 km and paid 132.9 cents per litre for the fuel. Both used the model of car used to generate the data in Table 1.

(i) Find how much longer it took Mary to complete the journey. Give your answer correct to the nearest minute.

(ii) Based on the data in Table 1 and their average speeds, find how much more Jane spent on fuel during the course of this journey.

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