Practice task two

The netball tournament

Eleven friends are planning to enter a netball tournament. It will be held in a town that is 234 km from where they live. They will hire a van, stay away one night in a motel, and have dinner at a restaurant. Both the tournament venue and the restaurant are within walking distance of the motel. They will each need to buy a team T-shirt.

The van will cost them $245.00 plus 10% for insurance.

The van does 9.5 L per 100 km. Fuel costs 186.9c per litre.

The motel holds up to five people per unit. It costs $95 per night for two people, plus $15 per head for extra people.

Their meal will cost them $35 each, but if they book in advance the restaurant will give them a discount of 12%.

T-shirts will cost them $45 each including GST. However, because they are being supplied by a friend, he will pay the GST.

If the costs are shared between the 11 friends, how much will they each need to pay?

State clearly any assumptions that you make and explain your reasoning. You should show all your working clearly.

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