Apply numeric reasoning when solving problems

St.Elmo's Tiddlywinks team wants to travel to St. Trinian's for a 2 day sports exchange.

The exchange is on a Friday and Saturday.

St. Trinian's is **150** km from St. Elmo's College

The school minibus is available for this trip.
 It costs $**40** per week day (Monday to Friday) and ¾ of this cost on a weekend day (Saturday or Sunday).
The cost of diesel is extra.
The minibus uses **12** litres of diesel per **100** kilometres.
The diesel costs $**1.10** per litre plus G.S.T.

The team will only travel if the cost of transport for the RETURN journey is less than $**12** per player. The team has **10** members.

Investigate to see if the team will travel.

SHOW ALL WORKING AND STATE CLEARLY WHAT IS BEING CALCULATED AT EACH STEP.