

Maths Homework Project

Part 2

Dinky Donkey walk cost

It costs £25 per person to go dinky donkey walking. There is a picnic included with this price and a 2 hour walk! There are 4 of us going.

The total cost of dinky donkey walking is £100.

Travel cost

We have a car that does 45 miles per gallon

1 gallon is 4.546litres

1 litre is £1.279 (average cost per litre on 23/01/2020

(<https://www.confused.com/on-the-road/petrol-prices>))

Mileage from home to dinky donkey walking is 33.1 miles

Dinky Donkey to Roma in Gorseinon and then home is 36.6 miles

Total distance is 69.7 miles

The return trip is 69.7 miles

The number of gallons $69.7 \div 45 = 3.378$

Number of litres = $4.546 \times (69.7 \div 45) = 7.0412$

The total cost of petrol is £8.97

Meal cost

For a large cod and chips (£7.25) 2 sausage chips and beans (£10) and a chicken and mushroom pie and chips (£4.30) the total price of food is £21.55

Total cost

Cost summary:	Dinky Donkey	£100
	Petrol	£8.97
	Meal	£21.55
Total cost:		£130.52