A chieftain tank carries 950 litres off fuel. When full it can travel a distance of 280 miles. When full how many miles per gallon does the chieftain tank travel?

Solution

Find how many gallons are equal to 950 litres, when 1 litre equal 0.2199688 gallons.

$950\ litres * 0.2199688\ gallons\ per\ litre =\ 208.97036\ gallons$

Then $\dfrac{280\ miles}{208.97036\ gallons} \approx 1.3399\ miles\ per\ gallon$

Answer: 1.3399 miles per gallon