

# MATHEMATICS FOR LIVING

## MONEY WORKSHEET 14: PETROL / DIESEL COSTS

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_



Petrol and Diesel pumps give the price per litre of the fuel and then record the quantity of fuel, as it is dispensed, and the relevant cost. These are the prices per litre in a filling station in Cork:

**Premium €1.032**

**Unleaded €0.849**

**Diesel €0.799**

1. How many litres can you get if you purchased €30 worth of premium?

  

2. How many litres of unleaded could the motorist have purchased for €30?

  

3. How many litres of diesel could a motorist get for €30?

  

4. A car using premium petrol does 20 km per litre, how far can it travel for €30 worth of premium petrol?

  

5. A car's petrol tank holds 60 litres. What would it cost to fill it from empty with unleaded?

  

6. If the same car had 11.87 litres of petrol left, what would it cost to fill it?

  

7. 5 cars get diesel in one hour in the garage. The amounts they get are: 35.89 l, 62.45 l, 47.76 l, 23.67 l, 54.68 l. What is the total **cost** for the 5 cars?

  

8. 5 cars get unleaded in the garage. The cost to each one is: €35.00, €42.50, €28.87, €24.78 and €50.01. Calculate **how many litres** in total were bought.

  
