

Higher Numeracy Nov 2018 P2 Q2c

(c) Petrol costs £1.30 per litre.

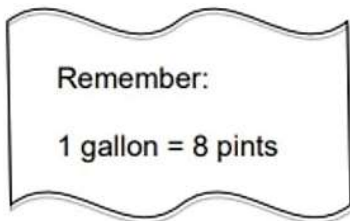
Emyr says,  
"The petrol for my lawn mower costs me approximately 60p per pint."

Is Emyr correct?  
You must show all your working. [3]

Yes  No

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Higher Numeracy Sam 1 P2 Q4



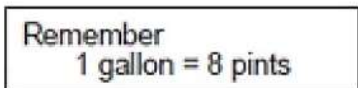
Lowri owns an old van.  
It has an average fuel consumption of 7 km per litre.  
Calculate an estimate for this fuel consumption in miles per gallon. [5]

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Higher Numeracy Summer 2018 P2 Q7c

(c) When the tap is fully open, water flows out at 2 litres per second.

(i) Express 2 litres per second in gallons per minute.  
You must show all your working. [3]



(ii) Can a fully open tap fill a 90-gallon tank in under  $3\frac{1}{2}$  minutes?  
You must show all your working. [2]