

WJEC MATHEMATICS

HIGHER

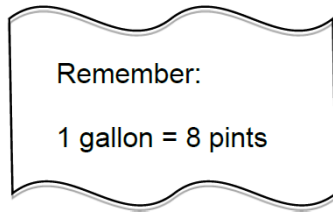
3 TIER TOPICS

**METRIC AND IMPERIAL UNITS
AND CONVERSIONS**

@MrGoreMaths.

Spec 1 – Numeracy – P2

4.



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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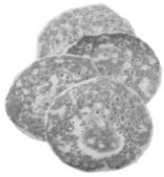
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Spec 2 – Numeracy – P1

1. You will be assessed on the quality of your organisation, communication and accuracy in writing in this question.

Ingredients to make 4 pancakes	
	55 g plain flour
	1 egg
	100 ml milk
	37.5 ml water
	25 g butter

Useful information: metric and imperial units
25 ml of milk or water is approximately 1 fluid ounce

Owen works in a school kitchen.
He uses the recipe information for pancakes shown above.
He has measured out the plain flour, milk and butter and placed them with the eggs in a large bowl.
Owen measures out 150 fluid ounces of water to add to his other pancake ingredients in the bowl.
How many pancakes is Owen making?

[3 + OCW 2]

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Spec 2 – Numeracy – P2

(b) Later in the day, Dewi's greatest velocity was 22 metres per second, measured to the nearest metre per second.

In that location, the speed limit on the road was 80 kilometres per hour.

Is it possible that Dewi exceeded the speed limit?

You must show all your working.

[4]

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