

TUESDAY- LEVEL 1 RPS

1a. Luke thinks that his horse ate the most hay on Thursday.

	9am	12pm	8pm	
Mon	1.5kg	3,500g	2,300g	$1.5\text{kg} + 3.5\text{kg} + 2.3\text{kg} = 7.3\text{kg}$
Tue	1,500g	0.5kg	3.5kg	$1.5\text{kg} + 0.5\text{kg} + 3.5\text{kg} = 5.5\text{kg}$
Wed	2.5kg	3,300g	2.5kg	$2.5\text{kg} + 3.3\text{kg} + 2.5\text{kg} = 8.3\text{kg}$
Thu	1.5kg	3,500g	3,400g	$1.5\text{kg} + 3.5\text{kg} + 3.4\text{kg} = 8.4\text{kg}$
Fri	2,650g	1,635g	4,015g	$2,650 + 1,635 + 4,015 = 8,300 = 8.3\text{g}$

Do you agree? Explain why.

Luke is correct because on Thursday the horses ate 8.4kg



R.

2a. Mike is practising converting different units of measure.

He says,



Mike

I start off with a number of ml between 2,000 and 3,000. When converted to litres, my amount has 1 decimal place which is an odd digit.

What could his starting millilitres have been? Find 3 possibilities.

2,100 2,300 2,500



PS

3a. Grace has filled in a table after converting from cm to m.

cm	m
2,450cm	25.4m
3,240cm	34.2m
4,260cm	46.2m

Mo thinks that 12,000 g is greater than 20 kg because $12,000 > 20$

Explain why Mo is wrong.

Mo is wrong because $12,000\text{g} = 12\text{kg}$ so therefore 20kg is bigger

Is her table correct? Explain why.

I don't think Graces table is correct because im not sure how she got to 25.4 I think the correct answer is 2.45