

Year 5 Learning at Home Session 3

Maths

We have been learning about fractions and decimals in Maths. Use your knowledge of decimals to solve the following problems using the space below for your working out:



Our First Family Adventure


The Jonas family are planning their first ever camper van holiday! James and Dinah have been working hard to get the campervan working. They refurbished the engine, remodeled the interior and designed their own spray paint for the outside. Now it's ready to go and they are planning a family adventure for three. Baby Jemiah is only 6 months old so they will need to be more prepared than most.


James is studying the weather reports to decide when the best time is to travel. Can you advise him?

1. Looking at the charts below, which week in which month is likely to have the least rainfall and highest temperatures?

Temperature in °C

Rainfall in mm











	Week 1	Week 2	Week 3	Week 4
June	12.56	12.65	12.95	13.21
July	13.41	13.5	14.82	15.01
August	15.03	16.01	14.99	16.1

	Week 1	Week 2	Week 3	Week 4
June	15.32	14.09	16.01	12
July	9.05	9.35	12.69	14.02
August	10.03	4.3	8.99	4.03

I would advise that the week with the least rainfall and highest temperature would be August Week 4.

On this week the temperature would be 16.1°C and the rainfall would be 4.03mm .

2. Dinah has found a recommended kit list online, the website links to sites selling the kit. Some of the outdoor kit shops do special deals if you buy through the site. She is struggling to calculate her costs. She has managed to convert the first offer to a decimal number. Convert the rest of the percentages and fractions to decimals to help with her calculations.

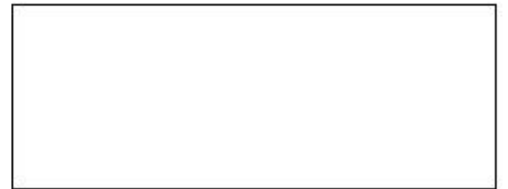
	£25	Half price	0.5		£50	Pay 90%	0.9		£48	25% off	0.25		£5	20% off	0.2
	£32	pay $\frac{3}{4}$	0.75		£12	10% off	0.1		£14	pay 80%	0.8		£15	pay $\frac{4}{5}$	0.8
	£24	50% off	0.5										£120	30% off	0.3

3. James is checking out the camp site fees. He knows their van measures 1.904m wide, 4.98m long and 1.399 high. Which pitches could he consider?

ORCABER CAMPING	
Pitch sizing	
<u>width x length</u>	<u>price per night</u>
1.599 x 5.2	£ 5
2.4 x 3.653	£ 4.50
2.9 x 4.99	£ 5.95
1.99 x 5.1	£ 4.95
2.859 x 4.982	£ 4.95



Dinah reminds James the awning she has ordered is 4m x 0.954m. Which pitch fits the camper van with the awning attached to the long side?



He should consider the site fees: 2.9×4.99 , 1.99×5.1 or 2.859×4.982 .

With awning he could consider 2.9×4.99 or 2.859×4.95 because the awning only affects the width.

English

Rewrite these sentences by replacing the conjunctions in these with a semi-colon.

1. I am starving so I can't wait until dinner.
I am starving; I can't wait until dinner.
2. Sam was desperately tired and he wanted to go home to bed.
Sam was desperately tired; he wanted to go home to bed.
3. It was pouring outside so I needed to bring my umbrella to school today.
It was pouring outside; I needed to bring my umbrella to school today.
4. Fiona went to meet her friend at the airport because she hadn't seen her for ages.
Fiona went to meet her friend at the airport; she hadn't seen her for ages.
5. My team are at the top of the league so I expect we will win our match today.
My team are at the top of the league; I expect we will win our match today.

Write a second related clause after the semi-colon in the sentences below:

Accept pupil's responses where a related clause has been added after the semi-colon.

Please remember to continue reading your books at home and filling in your diaries.

