

Year 4 Knowledge Organiser Questions— Maths

Section 1: Equivalent Lengths		
	Questions	Answers
1	How many centimetres in a metre?	100cm
2	How many metres would 100 cm be?	1m
3	How many millimetres in 1 centimetre?	10mm
4	How many centimetres in 3m?	300cm
5	In 451cm how many centimetres are metres is this?	4m and 51cm
6	What unit of measure is most common on a classroom ruler?	Centimetres, Millimetres and Inches
7	When converting cm into m what do I divide by?	100

Section 2: Measuring Length and Section 6: Units of Measure		
	Questions	Answers
1	When measuring length what do you need to remember?	Line up the ruler with zero, make sure the unit of measure is correct.
2	What unit of measure would I use to measure a pencil?	cm
3	When measuring the distance between school to your home what unit of measure would you use?	km
4	If I was measuring the width of a sewing needle what unit of measure would I use?	mm
5	What objects would I measure in millimetres?	Sewing needle, screws
6	What objects would I measure in centimetres?	Book, pen, carrot, fish

Section 4: Adding and Subtracting Length		
	Questions	Answers
1	What is $14\text{cm} + 12\text{cm} =$	26cm
2	What is $334\text{cm} + 212\text{cm} =$	546 cm or 5m and 46cm
3	What is $41\text{cm} - 12\text{cm} =$	29cm
4	What is $341\text{cm} - 112\text{cm} =$	229cm or 2m and 29cm
5	What is $451\text{mm} + 124\text{mm} =$	575mm or 57cm and 5mm

Year 4 Knowledge Organiser Questions— Maths

Section 5: Place Value to Multiply and Divide Mentally		
	Questions	Answers
1	When multiplying by 1, does the number change?	No
2	When dividing by 1, does the number change?	No
3	When multiplying by 10 what happens to the number?	The numbers are moved one place up the place value chart
4	When dividing by 10 what happens to the number?	The numbers are moved down one place on the place value chart
5	When multiplying by 100 what happens to the number?	The numbers are moved two places up the place value chart
6	When dividing by 100 what happens to the number?	The numbers are moved down two places on the place value chart

Section 7: Perimeter		
	Questions	Answers
1	What does the word perimeter mean?	The distance around the outside of a shape
2	What is the distance around the outside of shape called?	Perimeter
3	How would I measure the perimeter of a square?	Add up the lengths of all 4 sides.
4	When measuring the perimeter of a hexagon how many side you need to add up?	6
5	If a square has the perimeter of 16cm how long is each side?	4cm
6	When measuring the perimeter of a triangle how many sides would need adding up?	3