

Y6 Maths Knowledge Organiser Questions Spring 1

Section 1 Co-ordinates, translation and reflection	Answers
1. What are the axis on a grid called?	X axis and y axis.
2. Which axis would we read / write first?	X axis.
3. Which axis is which?	Horizontal = x axis, vertical = y axis.
4. What is a reflection?	When a shape is flipped over a mirror line.
5. What is translation?	When a shape is moved without being rotated or resized.
Section 2 Multiplying by 10,100,1000	Answers
1. When multiplying by 10, 100, 1000, in which direction do you use the place value grid?	To the left
2. When dividing by 10, 100, 1000, in which direction do you use the place value grid?	To the right.
3. What is a decimal?	A number that is not a whole number.
4. What does the term decimal place mean?	How many numbers are after the decimal point.
5. How many places do you move when multiplying and dividing by 10 / 100 / 1000?	10 = 1, 100 = 2, 1000 = 3
Section 3 Multiplying and dividing decimals by integers	Answers
1. What method should you use when multiplying decimals?	Column multiplication.
2. What method should you use when dividing decimals?	Bus stop.
3. What must you do with the decimal points in the question and answer.	Line up in the same column.
4. What can help us when multiplying and dividing decimals?	Place value chart.
Section 4 Percentage of amounts	Answers
1. What does percentage mean?	Out of 100.
2. How do you find 1% of an amount?	Divide by 100.
3. How do you find 10% of an amount?	Divide by 10.
4. What method helps us find percentages?	The bubble method.
5. What does 100 percent mean?	The total amount.
Section 5 Fractions, decimals and percentages	Answers
1. How do you convert a percentage to a decimal?	Divide by 100.
2. How do you convert a decimal to a percentage?	Multiply by 100.
3. How do you convert a fraction to a decimal?	Divide the numerator by the denominator.
4. How do you convert a fraction to a percentage?	Divide the numerator by the denominator, then multiply by 100.
5. How do you convert a percentage to a fraction?	Write as a fraction over 100, then simplify.
Section 6 Forming expressions	Answers
1. What is an expression?	A group of numbers, letters and operation symbols.
2. What is an equation?	A number statement with an equal sign.
3. What does a formula show?	The relationship between different substituted variables.
4. What operation would you use to work out $3n$?	Multiplication
5. In an equation, what does the equals sign show about the values either side of it?	They are of equal value.