

The following links or corbettmaths.com will give suitable practice questions for your child to improve the topics listed.

If further assistance is required, please click on the  to watch a helpful video.

Click on  to look at the answers in order to check your work

SUPPORT – sets 7 and 8

<u>Term 1.1</u>			
<u>Understanding Place value and ordering numbers</u>	<u>Adding and Subtracting Whole Numbers</u>	<u>Multiplying and Dividing Whole Numbers</u>	<u>Finding and using factors, Multiples and Prime Numbers</u>
Ordering positive numbers https://corbettmaths.com/wp-content/uploads/2013/02/ordering-numbers-pdf1.pdf	Add whole numbers using written and mental methods https://corbettmaths.com/wp-content/uploads/2013/02/addition-pdf4.pdf	Use mental and written methods to multiply whole numbers https://corbettmaths.com/wp-content/uploads/2018/01/multiplication-1-grid.pdf https://corbettmaths.com/wp-content/uploads/2018/01/multiplication-2-grid.pdf https://corbettmaths.com/wp-content/uploads/2018/01/multiplication-1-pdf.pdf https://corbettmaths.com/wp-content/uploads/2018/01/multiplication-2-pdf.pdf	List factors of a given number https://corbettmaths.com/wp-content/uploads/2018/11/Factors-216-pdf.pdf
Understanding place value in whole numbers. https://corbettmaths.com/wp-content/uploads/2013/02/place-value-pdf1.pdf	Subtract whole numbers using written and mental methods https://corbettmaths.com/wp-content/uploads/2018/09/Subtraction-pdf.pdf	Use multiplication to find square and cube numbers https://corbettmaths.com/2021/11/18/product-of-primes-next-square-or-cube-video/	Find the Highest Common Factor https://corbettmaths.com/wp-content/uploads/2018/11/Common-factors-and-HCF-pdf.pdf
	Recognise and use the inverse relationship between addition and subtraction https://corbettmaths.com/wp-content/uploads/2013/02/addition-pdf4.pdf https://corbettmaths.com/wp-content/uploads/2018/09/Subtraction-pdf.pdf	Use mental and written methods to divide whole numbers https://corbettmaths.com/wp-content/uploads/2018/01/division-pdf.pdf	List multiples of a given number https://corbettmaths.com/wp-content/uploads/2018/11/Multiples-Exercise-220-pdf.pdf
	Solve problems involving addition and subtraction https://corbettmaths.com/wp-content/uploads/2013/02/addition-pdf4.pdf	Recognise the inverse relationship between multiplication and division https://corbettmaths.com/wp-content/uploads/2018/01/division-pdf.pdf	Find the lowest common multiple https://corbettmaths.com/wp-content/uploads/2018/11/Common-multiples-and-LCM-pdf.pdf

	https://corbettmaths.com/wp-content/uploads/2018/09/Subtraction-pdf.pdf	https://corbettmaths.com/wp-content/uploads/2018/01/multiplication-1-grid.pdf	
		Solve problems involving multiplication and division https://corbettmaths.com/wp-content/uploads/2018/01/division-pdf.pdf https://corbettmaths.com/wp-content/uploads/2018/01/multiplication-1-grid.pdf	List primes and prime factors https://corbettmaths.com/wp-content/uploads/2013/02/product-of-primes-pdf3.pdf

Term 1.2

<u>Understanding place value and rounding</u>	<u>Using rounding to estimate calculations</u>	<u>Understand and apply the rules for order of operations</u>	<u>Understand how letters can be used to represent numbers</u>
Recognise place value in whole numbers https://corbettmaths.com/wp-content/uploads/2013/02/place-value-pdf1.pdf	Estimate answers to calculations https://corbettmaths.com/wp-content/uploads/2018/10/Estimation-pdf.pdf	Understand and use BIDMAS to carry out calculations in the correct order https://corbettmaths.com/wp-content/uploads/2018/11/Order-of-Operations-Exercise-211-pdf.pdf	Use letters to represent numbers https://corbettmaths.com/wp-content/uploads/2013/02/forming-expressions-pdf2.pdf
Round numbers to the nearest 10, 100 or 1000 https://corbettmaths.com/wp-content/uploads/2018/09/Rounding-277-pdf.pdf	Solve problems involving estimated calculations https://corbettmaths.com/wp-content/uploads/2018/10/Estimation-pdf.pdf	Solve multistep problems using a calculator. https://corbettmaths.com/wp-content/uploads/2018/11/Order-of-Operations-Exercise-211-pdf.pdf https://corbettmaths.com/wp-content/uploads/2013/02/use-of-a-calculator-pdf1.pdf	Interpreting simple algebraic expressions https://corbettmaths.com/wp-content/uploads/2013/02/forming-expressions-pdf2.pdf
		Solve multistep calculations without a calculator https://corbettmaths.com/wp-content/uploads/2018/11/Order-of-Operations-Exercise-211-pdf.pdf	Substitute numbers into simple expressions and formula https://corbettmaths.com/wp-content/uploads/2013/02/substitution-pdf2.pdf

			<p>Solve problems involving using letters to represent numbers</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/forming-expressions-pdf2.pdf</p> <p>https://corbettmaths.com/wp-content/uploads/2013/02/substitution-pdf2.pdf</p>
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CORE AND EXTEND – Sets 1-6

Term 1.1				
Basic arithmetic with positive whole numbers	Understanding place value and rounding	Finding and using factors and multiples	Basic Arithmetic with negative integers	
<p>Add two positive integers, using column method, laws of addition and mental addition. Video. Worksheet https://corbettmaths.com/wp-content/uploads/2013/02/addition-pdf4.pdf</p>	<p>Recognise place value in integers https://corbettmaths.com/wp-content/uploads/2013/02/place-value-pdf1.pdf</p>	<p>Understand the meaning of square, cube, square root and cube root of a number https://corbettmaths.com/wp-content/uploads/2018/09/Squaring-Numbers-pdf.pdf https://corbettmaths.com/wp-content/uploads/2018/09/Square-Root-pdf.pdf https://corbettmaths.com/wp-content/uploads/2018/11/Cube-numbers-pdf.pdf https://corbettmaths.com/wp-content/uploads/2018/11/Cube-root-pdf.pdf</p>	<p>Represent negative numbers on a number line https://corbettmaths.com/wp-content/uploads/2013/02/ordering-numbers-pdf1.pdf</p>	
<p>Subtract two positive integers, using column method and mental subtraction https://corbettmaths.com/wp-content/uploads/2018/09/Subtraction-pdf.pdf</p>	<p>Round to nearest 10, 100, 1000 https://corbettmaths.com/wp-content/uploads/2018/09/Rounding-277-pdf.pdf</p>	<p>Understand index notation https://corbettmaths.com/wp-content/uploads/2018/12/Indices-Exercise-172-pdf.pdf</p>	<p>Add two integers (positive or negative), using column method, laws of addition and mental addition https://corbettmaths.com/wp-content/uploads/2020/05/Negatives-addition-and-subtraction.pdf</p>	
<p>Multiply two positive integers, using grid method, column method, laws of multiplication and mental multiplication</p>	<p>Problem solving involving rounding https://corbettmaths.com/wp-content/uploads/2018/09/Rounding-277-pdf.pdf</p>	<p>Identify multiples and factors of numbers https://corbettmaths.com/wp-content/uploads/2018/11/Factors-216-pdf.pdf</p>	<p>Subtract two integers (positive or negative), using column method and mental subtraction https://corbettmaths.com/wp-content/uploads/2020/05/Negatives-addition-and-subtraction.pdf</p>	

https://corbettmaths.com/wp-content/uploads/2018/01/multiplication-1-grid.pdf		https://corbettmaths.com/wp-content/uploads/2018/11/Multiples-Exercise-220-pdf.pdf	atives-addition-and-subtraction.pdf	
Divide two positive integers using a written method https://corbettmaths.com/wp-content/uploads/2018/01/division-pdf.pdf		Calculate square roots and cube roots https://corbettmaths.com/wp-content/uploads/2018/09/Square-Root-pdf.pdf https://corbettmaths.com/wp-content/uploads/2018/11/Cube-root-pdf.pdf	Multiply two integers (positive or negative), using grid method, column method, laws of multiplication and mental multiplication https://corbettmaths.com/wp-content/uploads/2018/11/Negatives-multiplication-and-division-pdf.pdf	
Apply the order of operations in calculations involving positive integers https://corbettmaths.com/wp-content/uploads/2018/11/Order-of-Operations-Exercise-211-pdf.pdf		Problem solving involving factors and multiples https://corbettmaths.com/wp-content/uploads/2018/11/Common-factors-and-HCF-pdf.pdf https://corbettmaths.com/wp-content/uploads/2018/11/Common-multiples-and-LCM-pdf.pdf	Divide two integers (positive or negative), using grid method, column method, laws of multiplication and mental multiplication https://corbettmaths.com/wp-content/uploads/2018/11/Negatives-multiplication-and-division-pdf.pdf	
			Apply the order of operations in calculations involving positive integers https://corbettmaths.com/wp-content/uploads/2018/11/Order-of-Operations-Exercise-211-pdf.pdf	
<u>Term 1.2</u>				
<u>Understand and apply the rules for basic algebraic manipulation</u>	<u>Substitution into formula and expressions</u>	<u>Apply the rules of algebra to simplify algebraic expressions</u>	<u>Solving Linear Equations</u>	<u>Use linear equations to solve real life problems</u>
Use letters to represent numbers	Substitute +ve numbers into formula and expressions	Simplify expressions by collecting like terms	Solve 1 step equations https://corbettmaths.com/wp-content/uploads/2020/10/Equations-pdf.pdf	Writing equations to solve problems https://corbettmaths.com/wp-content/uploads/2018/09/For

https://corbettmaths.com/wp-content/uploads/2013/02/forming-expressions-pdf2.pdf	https://corbettmaths.com/wp-content/uploads/2013/02/substitution-pdf2.pdf	https://corbettmaths.com/wp-content/uploads/2013/02/collecting-like-terms-pdf3.pdf		ming-Solving-Equations-115-pdf.pdf
Add and subtract linear expressions https://corbettmaths.com/wp-content/uploads/2013/02/collecting-like-terms-pdf3.pdf	Substituting -venumbers into formula and expressions https://corbettmaths.com/wp-content/uploads/2013/02/substitution-pdf2.pdf	Simplifying expressions involving x and \div https://corbettmaths.com/wp-content/uploads/2013/02/dividing-terms-pdf1.pdf	Solve 2 step equations https://corbettmaths.com/wp-content/uploads/2020/10/Equations-pdf.pdf	Solving problems involving equations https://corbettmaths.com/wp-content/uploads/2018/09/Forming-Solving-Equations-115-pdf.pdf
			Solve equations involving brackets https://corbettmaths.com/wp-content/uploads/2018/11/Equations-letters-both-sides-pdf.pdf	