


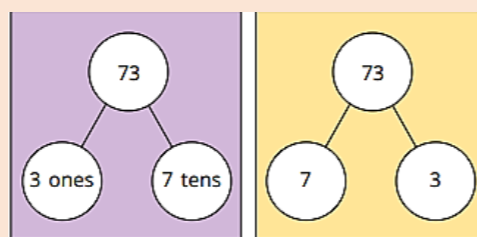
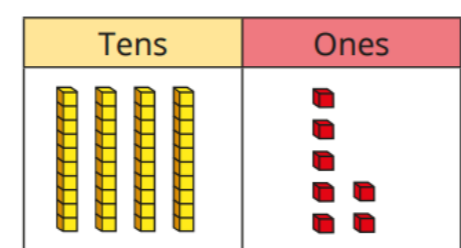
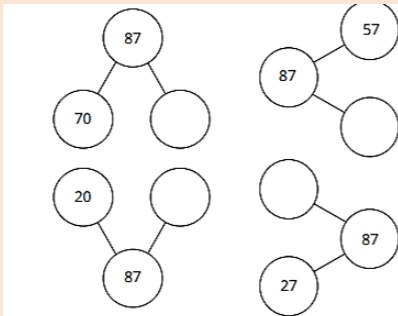
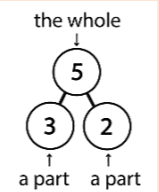
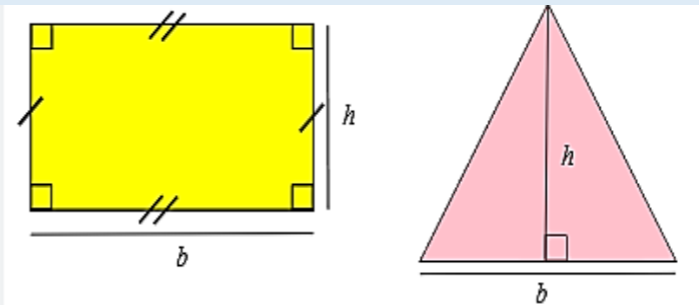



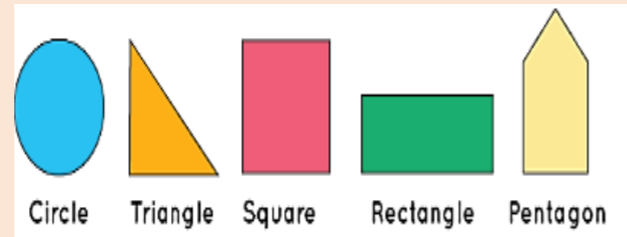
Cycle B White Rose Whole School Autumn 2

	Year R	Year 1/2	Year 3/4	Year 5/6
Autumn 2	<p>Light and Dark</p> <ul style="list-style-type: none"> Representing Numbers to 5  <ul style="list-style-type: none"> Find 4 and 5 Subitise 4 and 5 1 more/1 less Composition of 4 and 5 $4 = 2 + 2$ Composition of 1 to 5 	<p>Place Value</p> <ul style="list-style-type: none"> Count beyond 20 Count tens Groups of tens and ones  <ul style="list-style-type: none"> Partition into tens and ones  <ul style="list-style-type: none"> Use a place value chart  <ul style="list-style-type: none"> Flexible partitioning  <ul style="list-style-type: none"> Number lines 1 more and 1 less Compare numbers with the same number of tens Compare any two numbers Order objects and numbers 	<p>Multiplication and division A</p> <ul style="list-style-type: none"> Arrays Sharing and grouping The 2, 5 and 10 times-tables including 4, 8, 3, 6, 9, 7, 11, 12 Multiply by 1 and ten Divide a number by 1 and itself. <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> $1 \times 6 = 6$ $2 \times 6 = 12$ $3 \times 6 = 18$ $4 \times 6 = 24$ $5 \times 6 = 30$ $6 \times 6 = 36$ $7 \times 6 = 42$ $8 \times 6 = 48$ $9 \times 6 = 54$ $10 \times 6 = 60$ </div> <p>Area</p> <ul style="list-style-type: none"> What is area? Count squares Compare areas  <p>Rectangle: $\text{Area} = b \times h$</p> <p>Triangle: $\text{Area} = \frac{1}{2} b \times h$</p>	<p>Fractions A</p> <ul style="list-style-type: none"> Recognise equivalent fractions Equivalent fractions and simplifying Equivalent fractions on a number line Convert improper fractions to mixed numbers Convert mixed number to improper fractions Compare fractions (denominator) Compare fractions (numerator) Order fractions Add and subtract fractions with the same denominator Add fractions where one denominator is a multiple of the other Add mixed numbers Subtract fractions where one denominator is a multiple of the other Subtract any two fractions Subtract from a mixed number – breaking the whole Multi-step problems <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p style="font-size: small; text-align: center;">To multiply a fraction by a whole number, multiply the whole number by the numerator of the fraction</p> $3 \times \frac{1}{4} = \frac{3}{4}$  </div> <p>Multiplication and division B</p> <ul style="list-style-type: none"> Multiply a 2-digit number by a 2-digit number Multiply up to a 4-digit number by a 2-digit Solve problems with multiplication Short division Divide a 4-digit number by a 1-digit

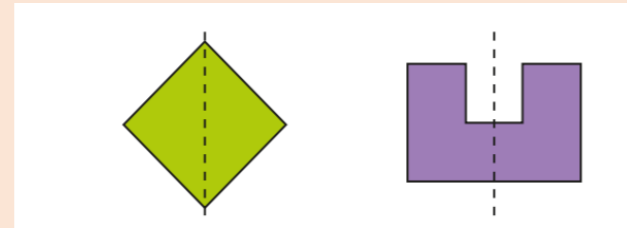
Cycle B White Rose Whole School Autumn 2

Shape

- Recognise and name 2-D and 3-D shapes



- Count the sides of a 2D shape
- Count the corners (vertices) of a 2D shape
- Draw a 2D shape



- Vertical lines of symmetry
- Count faces/vertices on 3D shape
- Sort 2D and 3D shapes
- Patterns with 2D and 3D shapes