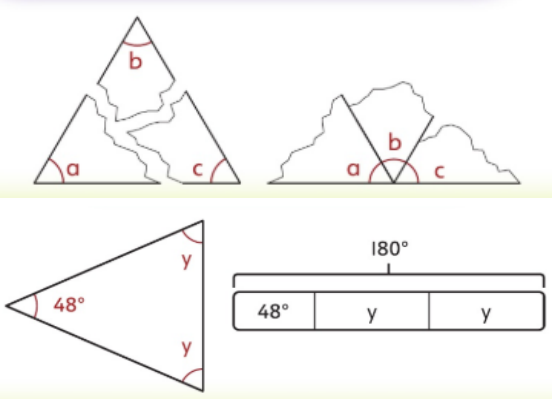
Cedar Park School & Nursery
Be kind ★ Be inspired ★ Believe

Summer Term Maths Learning Overview

Year 6

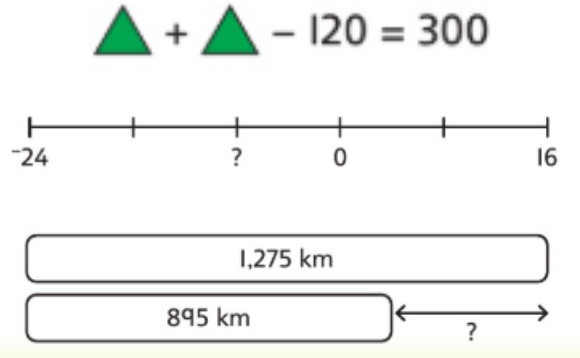
Unit 13 – Geometry – properties of shapes

- Measure angles and draw shapes accurately using a ruler and protractor
- Calculate unknown angles in shapes and on lines using angle facts
- Explore properties of polygons and circles
- Identify 3D shapes from 2D representations
- Draw multiple nets for a 3D shape



Unit 15 – Problem Solving

- Solve problems about numbers, including fractions and ratios
- Use representations to help make sense of problems
- Use the four operations flexibly
- Reason about problems with a context
- and without a context
- Apply our understanding of measurements and geometry to solve problems



What to recap:

- Place Value within 10,000,000
- Four operations (addition, subtraction, multiplication and division)
- Fractions, including: simplifying, comparing and ordering, adding and subtracting fractions with unlike denominators and mixed numbers, multiplying and dividing and finding fractions of amounts
- Converting between imperial and metric units
- Decimals, including: knowing the value of each digit in numbers up to 3 decimal places and converting between decimals and fractions
- Percentages, including: converting between fractions, decimals and percentages and finding percentages of amounts

Key Vocabulary

degree, angle, acute, obtuse, reflex, right angle, protractor, triangle, isosceles, isometric, equilateral, scalene, regular, polygon, quadrilateral, parallelogram, kite, rhombus, trapezium, diameter, radius, radius, circumference, concentric, perimeter, nets, pyramid, tetrahedron, cylinder, prism, vertically opposite angles, cuboid, cube, partition, estimate, round, compare, equivalent, percentage, ratio, proportion, convert, common denominator, coordinates, translation, reflection, vertex, scaling