# Maths

| Year 3 | 10 KPIs |
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1. Read, write, order, reason and compare using ><= numbers up to four digits. (Reasoning demonstrates an understanding of place value)

2. Add and subtract numbers using formal column methods with up to 3 digits, and demonstrating this understanding when solving problems, including missing number and more complex addition and subtraction.

3. Know 2, 3, 4, 5, 8 and 10 multiplication and division facts, using the facts they know to write and calculate mathematical statements, including two-digit numbers x one-digit numbers.

4. Solve multiplication and division problems, including missing number problems and positive integer scaling problems and correspondence problems in which n objects are connected to m objects.

5. Estimate calculations before beginning, using reasoning to explain estimate, then checking answers using the inverse operation.

6. Find unit and non-unit fractions with small denominations, including tenths, of an amount.

7. Measure the perimeter of simple 2D shapes.

8. Read and write time from analogue clock, including using Roman numerals and 12-hour and 24-hour clocks, with increasing accuracy to the nearest minute.

9. Understanding angles, identifying right angles and recognising that 2 right angles make a half-turn, 2 make a three-quarters turn, 4 a complete turn, as well as if an angle is greater than or less than a right angle.

10. Identifying horizontal and vertical lines and pairs of perpendicular and parallel lines.