

MILBY PRIMARY SCHOOL

YEAR 5 MATHS KEY OBJECTIVES

1. Interpret negative numbers in context
2. Read Roman numerals to 1000, including years
3. Recognise and use square and cube numbers, and know the notation
4. Use rounding to check answers and determine accuracy
5. Identify multiples and factors, including finding factor pairs and common factors
6. Use vocabulary: prime numbers, prime factors and composite numbers
7. Know prime numbers up to 19
8. Multiply and divide numbers by 10, 100 or 1000, including decimals
9. Use long multiplication for multiplying numbers of up to 4 digits by one or two digits
10. Divide numbers using standard written short division
11. Convert between mixed numbers and improper fractions
12. Compare and order fractions whose denominators are multiples of the same number
13. Identify, name and write equivalent fractions including tenths and hundredths
14. Add and subtract fractions with denominators that are multiples of the same number
15. Multiply proper fractions and mixed numbers by whole numbers with support
16. Read and write decimal numbers as fractions
17. Round decimals with 2 decimal places to whole number or to one decimal place
18. Read, write, order and compare numbers with up to 3 decimal places
19. Recognise % symbol and explain as a fraction with denominator 100 (parts out of 100)
20. Understand and use common approximate conversions between metric and imperial
21. Measure and calculate the perimeter of composite rectilinear shapes
22. Calculate the area of rectangles, and estimate the area of irregular shapes
23. Use the properties of rectangles to find missing lengths and angles
24. Distinguish between regular and irregular polygons
25. Identify 3-d shapes from 2-d representations
26. Know angles are measured in degrees and compare acute, obtuse and reflex angles
27. Draw and measure angles to the nearest degree
28. Identify angles at a point, in a turn and on a straight line
29. Describe and represent the result of a reflection or translation
30. Complete, read and interpret information in tables, including timetables