

Year 4 Mathematics Overview

Numbers to 10,000

- Counting in hundreds and twenty-fives
- Counting in thousands
- Counting in thousands, hundreds, tens and ones
- Using place value
- Comparing and ordering numbers
- Making number patterns
- Counting in sixes, sevens and nines
- Rounding numbers
- Rounding numbers to estimate

Addition and subtraction within 10,000

- Finding sums
- Adding without exchanging (renaming)
- Adding with exchanging (renaming)
- Adding using mental strategies
- Finding differences
- Subtracting without exchanging (renaming)
- Subtracting with exchanging (renaming)
- Subtracting using mental strategies
- Solving word problems

Multiplication and division

- Multiplying by six
- Multiplying by seven
- Multiplying by nine
- Multiplying by eleven
- Multiplying by twelve
- Dividing by six
- Dividing by seven
- Dividing by nine
- Multiplying and dividing by 11 and 12
- Dividing with remainders
- Solving word problems

Further multiplication and division

- Multiplying by zero and one
- Dividing by one
- Multiplying the same two numbers
- Multiplying three numbers
- Multiplying multiples of 10
- Multiplying 2-digit numbers
- Multiplying multiples of one hundred
- Multiplying 3-digit numbers
- Dividing 2-digit numbers
- Dividing 3-digit numbers
- Solving word problems

Graphs

- Drawing and reading picture graphs and bar graphs
- Drawing and reading bar graphs
- Drawing and reading line graphs

Fractions

- Counting in hundredths
- Writing mixed numbers
- Showing mixed numbers on a number line
- Finding equivalent fractions
- Simplifying mixed numbers
- Simplifying improper fractions
- Adding fractions
- Subtracting fractions
- Solving word problems

Time

- Telling time on a 24-hour clock
- Changing time in minutes to seconds
- Changing time in hours to minutes
- Solving problems on duration of time
- Changing years to months and weeks to days
- Solving word problems