

# THANKS FOR NOT PRINTING THIS PAGE!



Simply print from page 2 in your printing options, to avoid wasted paper and ink.

To find out more visit [www.twinkl.co.uk/eco](http://www.twinkl.co.uk/eco)



## Thanks for downloading and welcome to the twinkl family!

### If you love our resources, you'll love premium!

- Save valuable time- we know how precious time can be, so we've spent thousands of hours creating lovely resources, leaving you to focus on what's most important.
- All the tools and materials you will need to create an amazing learning environment for your little stars!
- The largest collection of premium resources on the web at less than 1p per resource!
- Find out more about Twinkl premium at [www.twinkl.co.uk/premium](http://www.twinkl.co.uk/premium)



### How to change the print size of this resource

- In your PDF reader, click the 'File' menu
- Select 'Print'
- Click the box next to 'Print Scaling' and select 'Multiple Pages Per Sheet'
- You will now have various options, which will enable you to print several pages on just one sheet of paper.

### A brief word about copyright...

By downloading this resource, you agree to the following:



Scan QR Code



You may use this resource for personal and/or classroom use only. We're more than happy for you to keep your own backup copy though.

In order to support us, we ask that you always acknowledge [www.twinkl.co.uk](http://www.twinkl.co.uk) as the source of the resource. If you love these resources, why not let others know about Twinkl?

You must not reproduce or share this resource with others in any form. They are more than welcome to download the resource directly from us.



You must not host or in any other way share our resources directly with others, without our prior written permission.

We also ask that this product is not used for commercial purposes and also that you do not alter the digital versions of our products in any way.

**We hope you enjoy the resource and we'll see you very soon! x**



# Year 6 Maths Assessment Checklist

## Number and Place Value

- I can write numbers up to 10,000,000 and determine the value of each digit.
- I can compare numbers up to 10,000,000 and determine the value of each digit.
- I can use negative numbers in context, and calculate intervals across zero.
- I can find pairs of numbers that satisfy number sentences involving two unknowns.
- I can order numbers up to 10,000,000 and determine the value of each digit.
- I can read numbers up to 10,000,000 and determine the value of each digit.
- I can round any whole number to a required degree of accuracy.
- I can solve number and practical problems.

## Addition, Subtraction, Division and Multiplication

- I can multiply multi-digit numbers up to 4 digits by a two-digit whole number.
- I can identify common factors, common multiples and prime numbers
- I can divide numbers up to 4 digits by a two-digit whole number using long division.
- I can divide numbers up to 4 digits by a two-digit whole number using short division.
- I can perform mental calculations.
- I can use my knowledge of the order of operations to carry out calculations involving the four operations.
- I can solve addition and subtraction multi-step problems in contexts.

## Fractions

- I can compare and order fractions.
- I can associate a fraction with division and calculate decimal fraction equivalents for a simple fraction.
- I can use common multiples to express fractions in the same denomination.
- I can use common factors to simplify fractions.
- I can add and subtract fractions with different denominators and mixed numbers.
- I can divide proper fractions by whole numbers.
- I can multiply simple pairs of proper fractions, writing the answer in its simplest form.
- I can identify the value of each digit in numbers given to three decimal places.

## Ratio and Proportion

- I can solve problems involving the relative sizes of two quantities.
- I can solve problems involving similar shapes where the scale factor is known or can be found.
- I can solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.
- I can solve problems involving the calculation of percentages and the use of percentages for comparison.

## Algebra

- I can generate and describe linear number sequences.
- I can enumerate possibilities of combinations of two variables.
- I can use simple formulae.
- I can express missing number problems algebraically.
- I can find pairs of numbers that satisfy an equation with two unknowns.

## Measurement

- I can solve problems involving the calculation and conversion of units of measure.
- I can calculate, estimate and compare volume of cubes and cuboids using standard units.
- I can use, read, write and convert between standard units.
- I can recognise when it is possible to use formulae for area and volume of shapes.
- I can convert between miles and kilometres.
- I can calculate the area of parallelograms and triangles
- I can recognise that shapes with the same areas can have different perimeters and vice versa.

## Geometry

- I can recognise angles where they are on a straight line.
- I can recognise angles where they meet at a point.
- I can find unknown angles in any triangles, quadrilaterals, and regular polygons.
- I can compare and classify geometric shapes based on their properties and sizes
- I can draw 2-D shapes using given dimensions and angles.
- I can illustrate and name parts of circles, including radius, diameter and circumference.
- I can recognise, describe and build simple 3-D shapes, including making nets.
- I know that the diameter of a circle is twice the radius.
- I can reflect simple shapes in the axes of the coordinate plane.
- I can draw and translate simple shapes on the coordinate plane.
- I can describe positions on the full coordinate grid.
- I can find missing angles.
- I can recognise angles where they are vertically opposite.

## Statistics

- I can interpret and construct pie charts and use them to solve problems.
- I can interpret and construct line graphs and use them to solve problems.

Notes