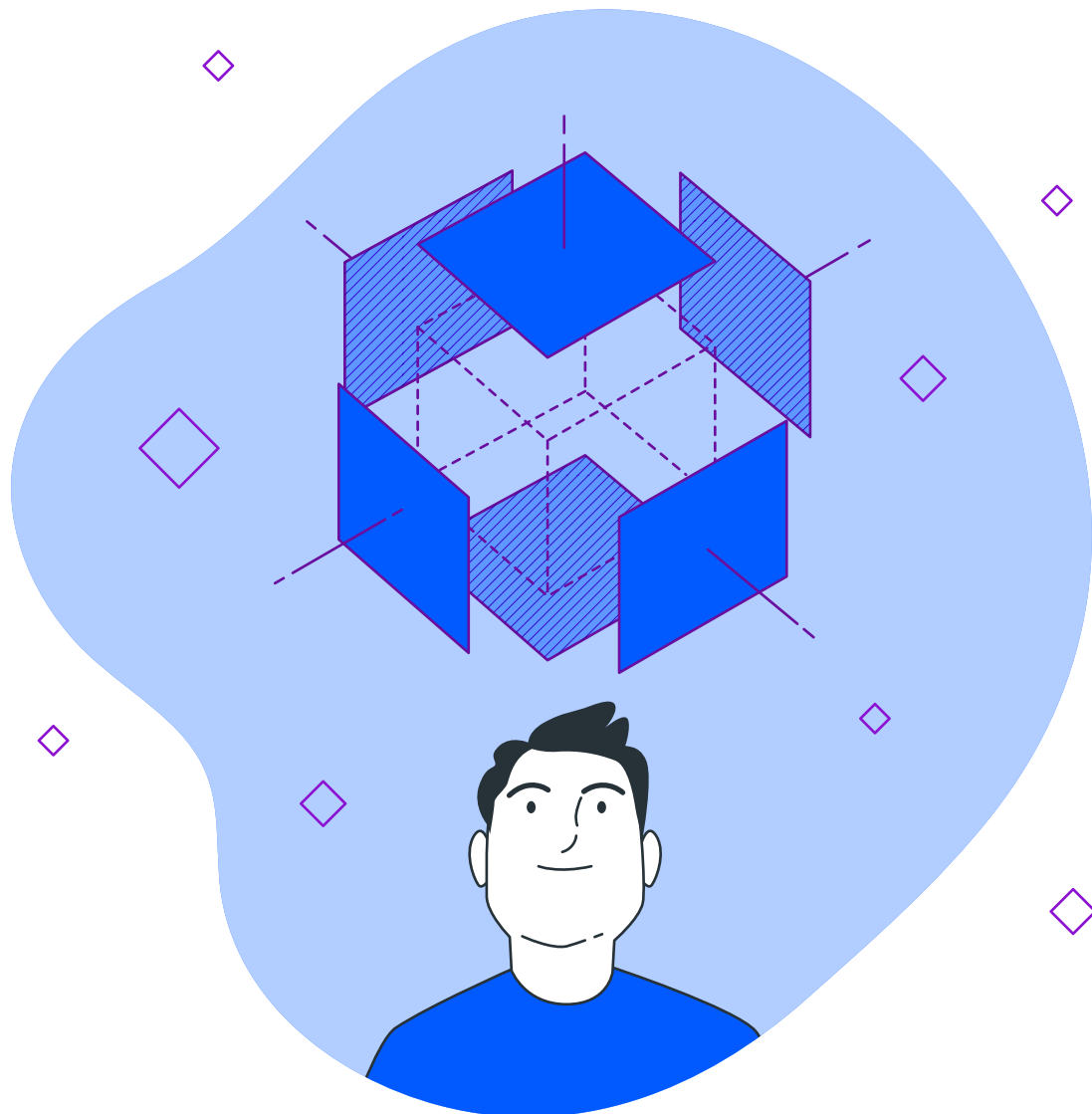


SHAPES, LINES AND SOLIDS: UNDERSTANDING GEOMETRY



The Skills You Need Guide to Numeracy

All you ever wanted to know about maths, but never liked to ask...

PART 3

SHAPES, LINES AND SOLIDS:

UNDERSTANDING GEOMETRY

Skills You Need

This is one of a series of eBooks
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CONTENTS

INTRODUCTION: INTRODUCING SHAPES	4
DEVELOP YOUR NUMERACY SKILLS	5
ABOUT THESE BOOKS	6
1 POINTS, LINES, AND ANGLES	7
WHAT IS GEOMETRY?	8
THREE DIMENSIONS: POLYHEDRONS AND CURVED SHAPES	12
DEFINING POINTS: CO-ORDINATES	15
ANGLES	21
2 TWO-DIMENSIONAL SHAPES	27
PROPERTIES OF POLYGONS	28
THREE-SIDED POLYGONS: TRIANGLES	29
CURVED TWO-DIMENSIONAL SHAPES: CIRCLES, ELLIPSES, PARABOLAS AND HYPERBOLAS	37
PERIMETER AND CIRCUMFERENCE	45
CALCULATING AREA	51
TRANSFORMING SHAPES: CONGRUENCE, SYMMETRY, REFLECTION, TRANSLATION, ROTATION	59
3 THREE-DIMENSIONAL SHAPES AND SOLIDS	69
POLYHEDRONS	70
THREE-DIMENSIONAL SHAPES WITH CURVES	74
SURFACE AREA	75
FILLING UP A SOLID: VOLUME	86
CONCLUSION	97
MATHS GLOSSARY	98

INTRODUCTION: INTRODUCING SHAPES

We know that numeracy skills are really important. People with better numeracy skills often have higher paid jobs than those with poorer skills.

Maths has long been an area of focus in education. Governments have introduced Numeracy Strategies such as the UK's *Every Child Counts*, and emphasised the importance of maths and numeracy skills at both primary and secondary school. However, despite this focus, many people still leave school at 16 or 18 years old with no more than the level of numeracy expected of an 11 year old—if that.

Unfortunately, that is seldom the end.

Most jobs, and most people, require some level of numeracy, even if it is only to enable you to check your change before you leave a shop, or calculate the tip in a restaurant. However, you may often require more, for example, if you need to work out how much carpet you need to order, or how much paint or wallpaper to buy. In this case, you need to understand some basic geometry: the focus of this book.

DEVELOP YOUR NUMERACY SKILLS

We believe that understanding basic numeracy and mathematics will make a huge difference in all aspects of your life: it will make you more employable, help you achieve a greater understanding of the world around you, save you time and money, and may even improve your well-being and reduce stress.

This series of four books brings together all our content on basic numeracy. It uses clear descriptions, discussion and examples to provide a fundamental knowledge of ‘functional numeracy’—the maths that you need every day.

1

POINTS, LINES, AND ANGLES

When you start studying geometry, it is important to know and understand some basic concepts.

This chapter will help you understand the concept of dimensions in geometry, and work out whether you are working in one, two or three dimensions. It also explains some of the basic terminology.

**The full eBook
is available at
www.skillsyouneed.com**