**Entry to National 4 Application of Mathematics**

Plan

National 4 Applications of Mathematics has three compulsory units: Numeracy, Managing Finance and Statistics and Geometry and Measures. There are a number of key skills that are important to your success in these units and we will be working on these skills over the next four weeks. We will be assuming this has been completed on your return to school. For the month of May you can ask questions by emailing [maths@coltnesshigh.n-lanark.sch.uk](mailto:maths@coltnesshigh.n-lanark.sch.uk) and a Microsoft Team will be created later.

Resources

There will be links to all the resources you need and you can use the Leckie & Leckie National 4 textbook for extra practice. You can access the textbook via the website <https://connect.collins.co.uk/school/defaultlogin.aspx> and using the login details below:

Username – COLTNESS1Student

Password – P@55word

Content

Week 1

* Basic Operations – it is important to be familiar with the basic operations of adding, subtracting, multiplying and dividing

Week 2

* BODMAS
* Negative numbers
* Rounding
* Fractions

Week 3

* Decimals

Week 4

* Percentages
* Fractions, decimals and percentages
* Time intervals

**Basic Operations**

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|  | **Instructional videos** | **Practice questions** | **Answers** | **Exam type question** | **Answers** |
| Addition | [Addition](https://corbettmaths.com/2013/12/19/addition-video-6/) | [Addition](https://corbettmaths.com/wp-content/uploads/2013/02/addition-pdf4.pdf) | [Addition answers](https://corbettmaths.com/wp-content/uploads/2019/08/Addition-column.pdf) | [Addition](https://corbettmaths.com/wp-content/uploads/2013/02/addition-pdf2.pdf) | [Addition Answers](https://corbettmaths.com/wp-content/uploads/2015/03/addition.pdf) |
| Subtraction | [Subtraction](https://corbettmaths.com/2013/12/19/subtraction-video-304/) | [Subtraction](https://corbettmaths.com/wp-content/uploads/2018/09/Subtraction-pdf.pdf) | [Subtraction answers](https://corbettmaths.com/wp-content/uploads/2018/09/Subtraction-%E2%80%93-Video-304-Answers-1.pdf) | [Subtraction](https://corbettmaths.com/wp-content/uploads/2013/02/subtraction-pdf.pdf) | [Subtraction answers](https://corbettmaths.com/wp-content/uploads/2015/03/subtraction.pdf) |
| Multiplication | [Multiplication](https://corbettmaths.com/2013/02/15/multiplication-traditional/) | [Multiplication (1)](https://corbettmaths.com/wp-content/uploads/2018/01/multiplication-1-pdf.pdf)  [Multiplication (2)](https://corbettmaths.com/wp-content/uploads/2018/01/multiplication-2-pdf.pdf) | [Multiplication (1) answers](https://corbettmaths.com/wp-content/uploads/2019/08/Multiplication-1.pdf)  [Multiplication (2) answers](https://corbettmaths.com/wp-content/uploads/2019/08/Multiplication-2.pdf) | [Multiplication](https://corbettmaths.com/wp-content/uploads/2013/02/multiplication-pdf1.pdf) | [Multiplication](https://corbettmaths.com/wp-content/uploads/2015/03/column-method.pdf) |
| Division | [Division](https://corbettmaths.com/2013/12/28/division-video-98/)  [Division with remainders](https://corbettmaths.com/2012/08/11/1334/) | [Division](https://corbettmaths.com/wp-content/uploads/2018/01/division-pdf.pdf)  [Division with remainders](https://corbettmaths.com/wp-content/uploads/2018/11/Division-Remainders-pdf.pdf) | [Division answers](https://corbettmaths.com/wp-content/uploads/2019/08/Division-short.pdf)  [Division with remainders answers](https://corbettmaths.com/wp-content/uploads/2018/11/Division-Remainders-answers.pdf) | [Division](https://corbettmaths.com/wp-content/uploads/2013/02/division-pdf1.pdf)  [Division with remainders](https://corbettmaths.com/wp-content/uploads/2013/02/division-pdf1.pdf) | [Division answers](https://corbettmaths.com/wp-content/uploads/2015/03/division.pdf)  [Division with remainders answers](https://corbettmaths.com/wp-content/uploads/2015/03/division.pdf) |
| Multiplication by 10,100 & 1000 | [Multiplication by 10, 100 & 1000](https://corbettmaths.com/2013/06/06/multiplication-by-10-100-and-1000-2/) | [Multiplication by 10,100 & 1000](https://corbettmaths.com/wp-content/uploads/2018/09/Multiplication-by-10-100-1000-pdf.pdf) | [Multiplication by 10,100 & 1000 answers](https://corbettmaths.com/wp-content/uploads/2019/10/multiply-by-10-100-1000.pdf) | [Multiplication by 10,100 & 1000](https://corbettmaths.com/wp-content/uploads/2013/02/multiply-divide-by-10-100-1000-pdf.pdf) | [Multiplication by 10,100 & 1000 answers](https://corbettmaths.com/wp-content/uploads/2015/03/mult-divide-10-100-1000.pdf) |
| Division by 10,100 & 1000 | [Division by 10, 100 & 1000](https://corbettmaths.com/2013/05/19/division-by-10-100-and-1000/) | [Division by 10,100 & 1000](https://corbettmaths.com/wp-content/uploads/2018/01/dividing-by-10-100-1000-pdf.pdf) | [Division by 10,100 & 1000 answers](https://corbettmaths.com/wp-content/uploads/2019/08/Division-by-10-100-1000.pdf) | [Division by 10,100 & 1000](https://corbettmaths.com/wp-content/uploads/2013/02/division-pdf1.pdf) | [Division by 10,100 & 1000 answers](https://corbettmaths.com/wp-content/uploads/2015/03/mult-divide-10-100-1000.pdf) |