



Lesmahagow High School  
Mathematics Department

## N5 Assessment: Wednesday 9th October

### **Mathematics Department Website**

<http://lhsnational5maths.weebly.com>

### **Isolating Skills Website**


<https://corbettmaths.com/contents/>

### **Expectations**

Please ensure you complete the revision below prior to your assessment on Wednesday 9th of October.

Remember your first 4 homework's are vitally important to your success along with a high understanding of the work covered since June.

Good Luck

Topic	Past Paper Link	Video Link	
Fractions	<a href="https://www.national5maths.co.uk/wp-content/uploads/2019/09/Fractions-NA-F.pdf">https://www.national5maths.co.uk/wp-content/uploads/2019/09/Fractions-NA-F.pdf</a>	<a href="https://www.maths180.com/fractions.html">https://www.maths180.com/fractions.html</a>	
Indices and Surds	<a href="https://www.national5maths.co.uk/wp-content/uploads/2019/09/Indices-Surds-NA-F.pdf">https://www.national5maths.co.uk/wp-content/uploads/2019/09/Indices-Surds-NA-F.pdf</a>	Indices <a href="https://www.maths180.com/indices.html">https://www.maths180.com/indices.html</a>  Surds <a href="https://www.maths180.com/surds.html">https://www.maths180.com/surds.html</a>	
Gradient	<a href="https://www.national5maths.co.uk/wp-content/uploads/2018/11/Straight-Line-R-1.pdf">https://www.national5maths.co.uk/wp-content/uploads/2018/11/Straight-Line-R-1.pdf</a>  Q1-2 only	<a href="https://www.maths180.com/gradient.html">https://www.maths180.com/gradient.html</a>	
Function Notation	<a href="https://www.national5maths.co.uk/wp-content/uploads/2019/09/Functions-NA-F.pdf">https://www.national5maths.co.uk/wp-content/uploads/2019/09/Functions-NA-F.pdf</a>	Substitution <a href="https://corbettmaths.com/2013/06/23/drawing-quadratics/">https://corbettmaths.com/2013/06/23/drawing-quadratics/</a>  $f(x) = f \text{ of } x$  <a href="https://youtu.be/Kj3Aqov52TY">https://youtu.be/Kj3Aqov52TY</a>	

Factorising	<a href="https://www.national5maths.co.uk/wp-content/uploads/2019/09/Factorising-NA-F.pdf">https://www.national5maths.co.uk/wp-content/uploads/2019/09/Factorising-NA-F.pdf</a>	<p>Method 1 <a href="#">Use your notes ac method</a></p> <p>Method 2 <a href="https://youtu.be/4v-EQIxqpMQ">https://youtu.be/4v-EQIxqpMQ</a></p> <p>Method 3 <a href="https://youtu.be/KkJGUvCIrNI">https://youtu.be/KkJGUvCIrNI</a></p> <p>Reverse Area Modelling <a href="https://youtu.be/d8MjmwHV-84">https://youtu.be/d8MjmwHV-84</a></p>	
Expanding Brackets	<a href="https://www.national5maths.co.uk/wp-content/uploads/2019/09/Brackets-NA-F.pdf">https://www.national5maths.co.uk/wp-content/uploads/2019/09/Brackets-NA-F.pdf</a>	<p>Area Modelling <a href="https://www.khanacademy.org/math/4th-engage-ny/engage-4th-module-3/4th-module-3-topic-c/v/area-model-for-multiplication">https://www.khanacademy.org/math/4th-engage-ny/engage-4th-module-3/4th-module-3-topic-c/v/area-model-for-multiplication</a></p> <p>Algebra Area Modelling <a href="https://youtu.be/fGy9UMSm-M">https://youtu.be/fGy9UMSm-M</a></p>	
Arc Length Sector Area	<a href="https://www.national5maths.co.uk/wp-content/uploads/2019/09/Arcs-Sectors-NA-F.pdf">https://www.national5maths.co.uk/wp-content/uploads/2019/09/Arcs-Sectors-NA-F.pdf</a>	<a href="https://www.maths180.com/arcs--sectors.html">https://www.maths180.com/arcs--sectors.html</a>	
Equations and Inequations	<a href="https://www.national5maths.co.uk/wp-content/uploads/2019/09/Equations-Inequalities-NA-F.pdf">https://www.national5maths.co.uk/wp-content/uploads/2019/09/Equations-Inequalities-NA-F.pdf</a>	<a href="https://www.maths180.com/equations-and-inequalities.html">https://www.maths180.com/equations-and-inequalities.html</a>	

Parabolas and Quadratics	<a href="https://www.national5maths.co.uk/wp-content/uploads/2019/09/Parabolas-NA-F.pdf">https://www.national5maths.co.uk/wp-content/uploads/2019/09/Parabolas-NA-F.pdf</a>	<b>Roots</b>  <a href="https://corbettmaths.com/2013/05/03/solving-quadratics-by-factorising/">https://corbettmaths.com/2013/05/03/solving-quadratics-by-factorising/</a>  <b>Sketching</b>  <a href="https://corbettmaths.com/2013/06/22/sketching-quadratics/">https://corbettmaths.com/2013/06/22/sketching-quadratics/</a>  <b>Drawing</b>  <a href="https://corbettmaths.com/2013/06/23/drawing-quadratics/">https://corbettmaths.com/2013/06/23/drawing-quadratics/</a>	
Quadratics Problems	<a href="https://www.national5maths.co.uk/wp-content/uploads/2019/09/Quadratic-Problems-NA-F.pdf">https://www.national5maths.co.uk/wp-content/uploads/2019/09/Quadratic-Problems-NA-F.pdf</a>	Applied expanding brackets, area modelling and contextual. A/B material.	

D Burns  
September 2019