**Y9 Autumn Half Term 2 Assessment (Higher Tier)**

60 mins – Non-Calculator

There is also a set of revision questions called *Y9 HT2 Assessment (Higher)* on MathsWatch

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|  | **Higher**  | **MathsWatch Clip** |
| Q1 | Equation of straight-line graphs | [159a](https://vle.mathswatch.co.uk/vle/browse/325) |
| Q2 | Solving linear inequalities | [139](https://vle.mathswatch.co.uk/vle/browse/302) |
| Q3 | Gradient of straight lines | [159a](https://vle.mathswatch.co.uk/vle/browse/325) |
| Q4 | Solving quadratics by factorising | [157](https://vle.mathswatch.co.uk/vle/browse/323) |
| Q5 | Identifying arithmetic and geometric progressions | [163](https://vle.mathswatch.co.uk/vle/browse/330) |
| Q6 | Solving linear inequalities | [139](https://vle.mathswatch.co.uk/vle/browse/302) |
| Q7 | Surface area & volume problem solving | [114a](https://vle.mathswatch.co.uk/vle/browse/272) |
| Q8 | Forming equations (including using shape facts) |  |
| Q9 | Finding equation of a line |  |
| Q10 | Volume of cone, sphere, cylinder (algebraic) | [171](https://vle.mathswatch.co.uk/vle/browse/338)  |
| Q11 | Gradient of lines (including parallel & perpendicular) | [159a](https://vle.mathswatch.co.uk/vle/browse/325) [208](https://vle.mathswatch.co.uk/vle/browse/380) |
| Q12 | Loci | [165](https://vle.mathswatch.co.uk/vle/browse/332) |
| Q13 | Linear simultaneous equations | [162](https://vle.mathswatch.co.uk/vle/browse/329) |
| Q14 | Sequences (including from diagrams) | [103](https://vle.mathswatch.co.uk/vle/browse/261) |
| Q15 | Forming equations (including using shape facts) |  |
| Q16 | Gradient of straight lines | [159a](https://vle.mathswatch.co.uk/vle/browse/325) |
| Q17 | Volume of cones, pyramids and frustum | [172](https://vle.mathswatch.co.uk/vle/browse/339) |
| Q18 | Algebraic problem solving |  |
| Q19 | Proving congruence in triangles | [166](https://vle.mathswatch.co.uk/vle/browse/333) |
| Q20 | Non-linear simultaneous equations | [211](https://vle.mathswatch.co.uk/vle/browse/386) |