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| Learning objectivesThe student must (be) | Check | How did I achieve this/prove that I know it: |
| **Language Objectives**  |
| Able to correctly translate English context questions |  |  |
| Able to understand the given context when solving a context exercise |  |  |
| Able to describe in their own words what the question is in any given context exercise |  |  |
| Know how to pronounce the technical math terms (median, altitude etc)  |  |  |
| Able to answer context questions and refer to the context in their answer |  |  |
| Able to find the information in context questions they need, to be able to give and answer to the question |  |  |
| **Lesson 1** |
| Know what “like terms” are |  |  |
| Know when you can add or substract terms with letters |  |  |
| Know when you can multiply terms with letters |  |  |
| Able to simplify equations with letters |  |  |
| Able to use the right order of operations with letters |  |  |
| **Lesson 2** |
| Know what distributive property to multiply out the brackets means |  |  |
| Explain how to multiply out the brackets |  |  |
| Able to multiply out the brackets |  |  |
| Able to simplify equations with letters and brackets |  |  |
| Able to multiply out the brackets with negatives and subtraction |  |  |
| Able to simplify equations with letters and brackets with negatives |  |  |
| **Lesson 3** |
| Know what a power is |  |  |
| Know what the base of a power is |  |  |
| Know what the exponent of a power is |  |  |
| Able to solve equations with powers |  |  |
| Able to calculate powers with a negative base |  |  |
| Know when to use brackets with a negative base |  |  |
| Able to calculate powers with the calculator |  |  |
| Able to explain what the scientific notation is |  |  |
| Able to write numbers in scientific notation |  |  |
| Able to write a scientific notation in regular notation |  |  |
| Able to use scientific notation with the calculator |  |  |
| Able to write answers from the calculator in regular notation |  |  |
| **Lesson 4** |
| Know the rules of multiplying with powers |  |  |
| Able to multiply powers with letters |  |  |
| Know the rules of addition with powers |  |  |
| Able to add letters with powers |  |  |
| **Lesson 5** |
| Know how to calculate the power of a product |  |  |
| Able to calculate the power of a product with a letter |  |  |
| Know the rules of calculating the power of a power |  |  |
| Able to calculate the power of a power |  |  |
| Able to calculate the power of a power with a letter as a base  |  |  |