

Year Eight Revision List End of year Exam

1. Percentages : finding percentage of an amount ,percentage increase and decrease , find the original amount
2. **Substitution**: numbers into algebraic expressions and formulae
3. Transformations: Reflection, rotation, translation, and enlargement.
4. Ratio and Proportion: Simplifying ratios ,solving problems involving ratio , adapting recipes using proportion
5. Straight line graphs: plotting graphs, finding the gradient , parallel lines.
6. Probability: sample space and relative frequencies
7. Equations: Forming and solving linear equations including unknowns on both sides and brackets.
8. Pythagoras: be able to find missing sides in a right angled triangle and solve problems using Pythagoras theorem.
9. Trigonometry: be able to find missing sides and angles using trigonometric ratios
10. Standard form: be able to change normal numbers into standard form and back again
11. Percentages: Finding the percentage increase and decrease of an amount and calculate simple interest.
12. Volume and surface areas of prisms : including cuboids and cylinders
13. Arithmetic sequences: generate sequences and find the nth term



Everything that you have done since September

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