**Y10 Foundation Maths Weekly Task Grid – Week commencing 15th June**

This week’s topic focus is **Venn Diagrams**

Please complete all 4 tasks. There will also be **a zoom lesson** to support with this work. (Details will be on SMHW)

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| **Starter**  **Quick 10:**  1) 5.7 × 8.2  2) Share £72 in the ratio 3:5  3) Increase 180 by 30%  4) 21 − 7 × 4 + 32  5) A recipe for 8 biscuits needs 120g of flour. How much flour is needed for 20 biscuits?  6) Expand 2x(x + 5)  7) Solve 3x + 4 = 25  8) What is the HCF of 15 and 20  9) Factorise 15x + 20  10)  **Problem Solving:**  The diagram shows a garden in the shape of a rectangle. All measurements are in metres. The perimeter of the garden is 32 metres. Work out the value of x. | **Video on how to do it**  ***Try to attend the zoom lesson first…***  You can choose which video you want to watch to refresh your memory on how to do Scatter Graphs  [Venn Diagrams - Maths Genie](https://www.mathsgenie.co.uk/venn-diagrams.html)  [Venn Diagrams - Corbett Maths](https://corbettmaths.com/2016/08/07/venn-diagrams/)  [Venn Diagrams Lesson 1 - Mymaths](https://app.mymaths.co.uk/1731-lesson/venn-diagrams-1)  [Venn Diagrams Lesson 2 - Mymaths](https://app.mymaths.co.uk/1730-lesson/venn-diagrams-2) |
| **Practice Questions**  You can choose which questions you want to use to practice Venn Diagrams. The links to the answers are also provided so you can check them when you are finished.  [Venn Diagrams Practice 1 - Mymaths Online Homework](https://app.mymaths.co.uk/1731-homework/venn-diagrams-1)  [Venn Diagrams Practice 2 - Mymaths Online Homework](https://app.mymaths.co.uk/1730-homework/venn-diagrams-2)  [Venn Diagrams Exam Style Questions - Corbett Maths](https://corbettmaths.com/wp-content/uploads/2013/02/venn-diagrams-pdf.pdf)  [Venn Diagrams Exam Style ANSWERS - Corbett Maths](https://corbettmaths.com/wp-content/uploads/2015/03/venn-diagrams-answers.pdf)  [Venn Diagrams Exam Questions - Maths Genie](https://www.mathsgenie.co.uk/resources/5-venn-diagrams-ws.pdf)  [Venn Diagrams Exam ANSWERS - Maths Genie](https://www.mathsgenie.co.uk/resources/5-venn-diagramsans.pdf) | **Exam Question Practice: Foundation (Non-Calculator)**  Show any working out  1)    2) On the next page is an exam question based on Venn Diagrams |

