**Y10 Maths Weekly Task Grid – Week commencing 6th July**

This week’s topic focus is **Functions**

Please complete all 4 tasks.

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| **Starter:**  **Quick 10:**  1) 3.8 × 7.1  2) Share £54 in the ratio 7:2  3) Increase 180 by 25  4) 21 – 7 × 4 + 32  5) £1 = $1.30, what is $520 in £?  6) Expand 3x(x+5)  7) Solve 5x + 4 = −31  8) What is the HCF of 12 and 18  9) Factorise fully 18x + 12  10)  **Problem Solving:** | **Video on how to do it**  You can choose which video you want to watch to show you how to do  [Functions Lesson 1 - Mymaths](https://app.mymaths.co.uk/1779-lesson/functions-1) (concentrate on understanding this one!)  [Functions Lesson 2 - Mymaths](https://app.mymaths.co.uk/1780-lesson/functions-2) (only do this one when you fully understand lesson 1)  Or  [Functions Video - Maths Genie](https://www.mathsgenie.co.uk/functions.html) (Best one to use in my opinion but do what works best for you)  Or  [Function Machines Recap video - Corbett Maths](https://corbettmaths.com/2017/09/25/function-machines/)  [Inverse Functions Video - Corbett Maths](https://corbettmaths.com/2016/08/07/inverse-functions/)  [Composite Functions Video - Corbett Maths](https://corbettmaths.com/2016/08/07/composite-functions-2/) |
| **Practice Questions**  You can choose which questions you want to use to practice. The links to the answers are also provided so you can check them when you are finished.  [Functions Homework 1 - My Maths](https://app.mymaths.co.uk/1779-homework/functions-1) (Again, concentrate on this one!)  [Functions Homework 2 - My Maths](https://app.mymaths.co.uk/1780-homework/functions-2) (only do this one when you fully understand lesson 1)  [Functions Practice Questions - Corbett Maths](https://corbettmaths.com/wp-content/uploads/2020/05/Functions.pdf)  [Functions ANSWERS - Corbett Maths](https://corbettmaths.com/wp-content/uploads/2020/05/Functions-Answers-1.pdf) | **Exam Question (Higher):**  On the next page is an exam question for you to have a go at… |

