**Y10 Maths Weekly Task Grid – Week commencing 13th July**

This week’s topic focus is **Recurring Decimal to Fraction**

Please complete all 4 tasks.

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| **Starter:**  **Quick 10:**  1) 3.7 × 7.3  2) Share £54 in the ratio 7:2  3) Decrease 80 by 14  4) 5 – 20 ÷ 10 + 36  5) 10 pens cost 120p. How much would 15 pens cost?  6) Expand 5(x−2)  7) Solve 5x – 3 = 12  8) Factorise fully 6x + 12  9) What is the LCM of 5 and 7  10)  **Problem Solving:**  5 schools sent some students to a conference. One of the schools sent both boys and girls. This school sent 16 boys. In this school the ratio of boys to girls was 1:2. The other 4 schools sent only girls. Each of the 5 schools sent the same number of students. Work out the total number of students sent to the conference by these 5 schools. | **Video on how to do it**  You can choose which video you want to watch to show you how to do Recurring Decimals to Fractions  [Recurring Decimal to Fraction Video - Corbett Maths](https://corbettmaths.com/2013/03/29/recurring-decimals-to-fractions/)  Or  [Recurring Decimals to Fractions My Maths lesson](https://app.mymaths.co.uk/65-lesson/recurring-decimals-2)  Or  [Recurring Decimals to Fractions Video - Maths Genie](https://www.mathsgenie.co.uk/recurring.html)  [Maths Genie Revision Notes](https://www.mathsgenie.co.uk/examples/recurring.pdf) |
| **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.  [Recurring Decimals to Fractions My Maths online homework](https://app.mymaths.co.uk/65-homework/recurring-decimals-2)  [Recurring Decimal to Fraction Textbook exercise - Corbett Maths](https://corbettmaths.com/wp-content/uploads/2018/11/Recurring-Decimals-pdf.pdf)  [ANSWERS - Textbook exercise](https://corbettmaths.com/wp-content/uploads/2018/11/Recurring-Decimals-answers.pdf)  [Recurring Decimals to Fractions Exam Style questions - Corbett Maths](https://corbettmaths.com/wp-content/uploads/2013/02/recurring-decimals-pdf.pdf)  [ANSWERS - exam style questions](https://corbettmaths.com/wp-content/uploads/2015/03/recurring-decimals.pdf) | **Exam Question (Higher):**  On the next page is some exam questions for you to have a go at… |



