

## Year 7 Mathematics Week beginning 11<sup>th</sup> May

### Aim of the week: Understand linear and geometric sequences

Prior learning: in previous weeks you should have:		
	<ul style="list-style-type: none"><li>Completed the Hegarty Revision clips on Solving Equations</li><li>Completed the Hegarty clips on Fractions</li><li>Completed the following Hegarty clips on Sequences:<ul style="list-style-type: none"><li>196 Linear sequences from pictures</li><li>261 Important sequences</li><li>197 Linear sequences</li><li>263 Fibonacci sequences</li></ul></li></ul>	
	Session 1	Session 2
Day 1	<b>New Learning:</b> Hegarty Maths: Complete 198 Linear Sequences (Nth term)	Either complete a Hegarty Maths task from the list above that you haven't done yet or check out the Nrich game on Matching Fractions, Decimals and Percentages <a href="https://nrich.maths.org/1249">https://nrich.maths.org/1249</a> or the Nrich problem on Diminishing Returns <a href="https://nrich.maths.org/6700">https://nrich.maths.org/6700</a> . If you're not sure where to start use the Getting Started link in the top left corner of the webpage
Day 2	<b>Revision:</b> Complete one of the Corbett Maths tasks on finding a fraction of an amount. Remember you can watch videos to help with this. <a href="https://corbettmaths.com/2012/08/20/fractions-of-amounts/">https://corbettmaths.com/2012/08/20/fractions-of-amounts/</a> <a href="https://corbettmaths.com/wp-content/uploads/2013/02/fractions-of-amounts-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/fractions-of-amounts-pdf.pdf</a>	Either complete a Hegarty Maths task from the list above that you haven't done yet or spend 20 minutes on Times Tables Rockstars. Why not challenge one of your friends?
Day 3	<b>New Learning:</b> Hegarty Maths: Complete 264 Geometric Sequences	Hegarty Maths: Complete one Memri task
Day 4	<b>Revision:</b> Complete one of the Corbett Maths tasks on equivalent and simplifying fractions. Remember you can watch videos to help with this. <a href="https://corbettmaths.com/2013/02/15/equivalent-fractions/">https://corbettmaths.com/2013/02/15/equivalent-fractions/</a> <a href="https://corbettmaths.com/wp-content/uploads/2013/02/fractions-pdf.pdf">https://corbettmaths.com/wp-content/uploads/2013/02/fractions-pdf.pdf</a>	Continue to work on the Revision sheet from the website on Fractions. The answers will go up later this week.

#### Things to remember:

Write in your exercise books as much as possible. Hegarty work should be set out as usual in your blue book and the KS3 revision sheets should be completed in full in your orange book. Remember to put a date and title and keep your standards high. It's OK to complete worksheets on paper if you have printed them out, but you still need to show full working out and stick them into your exercise books.

Hegarty is marked online and your teachers will leave you feedback which will help if you are getting stuck. **Check the red bell icon at the top of your homepage to retrieve your feedback.** The Corbett Maths website, <https://corbettmaths.com/>, has full sets of answer for all of their worksheets. We are adding answers for the revision sheets to allow you and your parents to complete regular self-assessment to keep you on track. Keep checking the folders on the VLE as we'll add them there as we go.

#### Why not try...

<http://www.puzzleoftheweek.com/>

If you work it out, why not see challenge your parents or friends to see if they can do it too?