

YEAR 12 – MATHEMATICS (2nd & 3rd June 2021)

Subject	Mathematics
Class/ Section	Year 12 – Batch A, B and C
Week	2nd June to 3rd June 2021
Work send to students by	Group email / Google classroom / Zoom
Total number of lessons per week	3
Units	Pure Mathematics – Year 2 Chapter 1 – Algebraic Methods 1.2 Algebraic fractions
Lessons 1 –Live Zoom lesson	Pure Mathematics – Year 2 Chapter 1 – Algebraic Methods 1.2 Algebraic fractions <u>Learning objective</u> –To multiply and divide two or more algebraic fractions. Add or subtract two or more algebraic fractions. <u>Intended Learning Outcomes:</u> Students will be able to understand to multiply fractions, cancel any common factors, the multiply the numerators and multiply the denominators, to divide two fractions, multiply the first fraction by the reciprocal of the second fraction.
Tasks	Students will be able to understand to add or subtract two fractions, find a common denominator. To complete the questions assigned from the Textbook (pdf) in their notebook. Students will be put in break out rooms during Zoom lesson to encourage collaborative learning.
Resources	<ol style="list-style-type: none">1. Power point presentation2. Pure Mathematics Year 23. https://www.physicsandmathstutor.com/4. https://www.drfrostmaths.com/5. https://www.examsolutions.net/

<p>Lessons 2 –Live Zoom lesson</p> <p>Tasks</p> <p>Resources</p>	<p>Pure Mathematics – Year 2 Chapter 1 – Algebraic Methods 1.3 Algebraic fractions</p> <p><u>Learning objective</u> – convert an expression with linear factors in the denominator into partial fractions.</p> <p><u>Intended Learning Outcomes:</u> Students will be able to find a single fractions with two distinct linear factors in the denominator can be split into two separate fractions with linear denominators.</p> <p>To complete the questions assigned from the Textbook (pdf) in their notebook. Students will be put in break out rooms during Zoom lesson to encourage collaborative learning.</p> <ol style="list-style-type: none"> 1. Power point presentation 2. Pure Mathematics Year 2 3. https://www.physicsandmathstutor.com/ 4. https://www.drfrostmaths.com/ 5. https://www.examsolutions.net/
<p>Lessons 3 –Live Zoom lesson</p> <p>Tasks</p> <p>Resource</p>	<p>Pure Mathematics – Year 2 Chapter 1 – Algebraic Methods 1.4 Repeated factors.</p> <p><u>Learning objective</u> – convert an expression with repeated linear factors in the denominator into partial fractions.</p> <p><u>Intended Learning Outcomes:</u> Students will be able to find a single fractions with repeated linear factor in the denominator can be split into two or more separate fractions .</p> <p>To complete the questions assigned from the Textbook (pdf) in their notebook. Students will be put in break out rooms during Zoom lesson to encourage collaborative learning.</p> <ol style="list-style-type: none"> 1. Power point presentation 2. Pure Mathematics Year 2 3. https://www.physicsandmathstutor.com/ 4. https://www.drfrostmaths.com/ 5. https://www.examsolutions.net/