Activities Checklist

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| Concept | Activity | Completed? (✔) |
| Introduction to linear relations | Fill examples into your Notes booklet |  |
|  | **Ex 4A Essential Maths - pg. 222**  Understanding: Questions 1, 2, 3  Fluency: Questions 4ace, 5ace, 6ace  Problem Solving: Questions 8ad, 9af, 10 |  |
| Graphing straight lines using intercepts | Fill examples into your Notes booklet |  |
|  | **Ex 4B Essential Maths - pg. 227**  Understanding: Questions 1ad, 3ac, 4ac  Fluency: Questions 5adgj, 6adg, 7adg  Problem Solving: Question 8, 9, 10 |  |
| Lines with one intercept | Fill examples into your Notes booklet |  |
|  | **Ex 4C Essential Maths - pg. 232**  Understanding: Questions 1, 2, 3  Fluency: Questions 4ae, 5ae, 6aei,7  Problem Solving: Question 8ad, 9 |  |
| Gradient | Fill examples into your Notes booklet |  |
|  | **Ex 4D Essential Maths - pg. 241**  Understanding: Questions 1, 2,  Fluency: Questions 4, 5acei, 6  Problem Solving: Question 7, 8, 9 |  |
| Gradient and direct proportion | Fill examples into your Notes booklet |  |
|  | **Ex 4E Essential Maths - pg. 248**  Understanding: Questions 1  Fluency: Questions 3, 4  Problem Solving: Question 7, 9, 10 |  |
| Gradient-intercept form | Fill examples into your Notes booklet |  |
|  | **Ex 4F Essential Maths - pg. 253**  Understanding: Questions 1, 3  Fluency: Questions 4, 5ace, 6ae, 7acd  Problem Solving: Question 8, 9 |  |
| Finding the equation of the line | Fill examples into your Notes booklet |  |
|  | **Ex 4G Essential Maths - pg. 260**  Understanding: Questions 1, 2ace  Fluency: Questions 3, 4, 5acej  Problem Solving: Question 6, 7, 8, 9 |  |

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| Midpoint and length of a line segment | Fill examples into your Notes booklet |  |
|  | **Ex 4H Essential Maths - pg. 266**  Understanding:  Fluency: Questions 4acek, 5adgi  Problem Solving: Question 6, 7, 8 |  |
| Perpendicular and parallel lines | Fill examples into your Notes booklet |  |
|  | **Ex 4I Essential Maths - pg. 270**  Understanding: 1acef, 2ac  Fluency: Questions 4ace, 5ace, 6ac  Problem Solving: Question 7,8 |  |
| Linear modelling | Fill examples into your Notes booklet |  |
|  | **Ex 4J Essential Maths - pg. 276**  Understanding: Questions 1, 2  Fluency: Questions 4, 6, 7  Problem Solving: Questions 8, 9, 10 |  |
| **Extension** | Fill examples into your Notes booklet |  |
| Graphical solutions to simultaneous equations  The Parabola | **Ex 4K Essential Maths - pg. 276**  **Ex 10E Essential Maths - pg. 648**  **Ex 10F Essential Maths - pg. 658**  **Ex 10G Essential Maths - pg. 666** |  |

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| Revision |  |  |
| Assessment | Test |  |