Activities Checklist

|  |  |  |
| --- | --- | --- |
| Concept | Activity | Completed? (✔) |
| Introduction to linear relations | Fill examples into your Notes booklet |  |
|  | **Ex 4A Essential Maths - pg. 222**Understanding: Questions 1, 2, 3Fluency: 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, 4acFluency: 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, 3Fluency: 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 1Fluency: 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, 3Fluency: Questions 4, 5ace, 6ae, 7acdProblem 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, 2aceFluency: Questions 3, 4, 5acejProblem Solving: Question 6, 7, 8, 9 |  |

Continues on the next page

|  |  |  |
| --- | --- | --- |
| Midpoint and length of a line segment | Fill examples into your Notes booklet |  |
|  | **Ex 4H Essential Maths - pg. 266**Understanding:Fluency: Questions 4acek, 5adgiProblem Solving: Question 6, 7, 8 |  |
| Perpendicular and parallel lines | Fill examples into your Notes booklet |  |
|  | **Ex 4I Essential Maths - pg. 270**Understanding: 1acef, 2acFluency: Questions 4ace, 5ace, 6acProblem Solving: Question 7,8 |  |
| Linear modelling | Fill examples into your Notes booklet |  |
|  | **Ex 4J Essential Maths - pg. 276**Understanding: Questions 1, 2Fluency: Questions 4, 6, 7Problem Solving: Questions 8, 9, 10  |  |
| **Extension** | Fill examples into your Notes booklet |  |
| Graphical solutions to simultaneous equationsThe 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**  |  |

|  |  |  |
| --- | --- | --- |
| Revision |  |  |
| Assessment | Test  |  |