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Lightning Ridge Central School

Year 10 Mathematics 2020 Student Program

Linear Relationships – Chapter 9 – Due 9/4/20

This is the work expected to be completed by each student for this topic. As each exercise is concluded, the date and signature must be shown in the relevant column.

This agreement is to be signed by the student when completed and returned to teacher for grading.

Failure to complete any section of this agreement may result in a Board of Studies 'N' warning letter sent to the parents/guardian of this student. Please do not hesitate to contact the school if any difficulties arise.

When working independently students must complete the following in their workbooks:

- Write the heading
- Write definitions and important information from text.
- Copy an example
- Number each question in your books
- Complete questions showing full working out.
- Check the answers in the back of the textbook

This is the MINIMUM amount of work required, review questions and examination questions as well as extension exercises are also recommended.

Mathsonline activities may also be assigned to supplement these textbook activities.

Exercise Title	Work to be completed	Sign & Date
Graphing Linear Relationships Make notes on various methods of graphing	Pg 321 Ex 9.01 Q1ae 2abd 3a	
Points that satisfy linear relationships	Pg 326 Ex 9.02 Q1acegi 2	
Horizontal and vertical lines	Pg331 Ex 9.03 Q1c 2 3	
Finding the length of an interval	Pg334 Ex 9.05 Q4	
Finding the gradient of a line	Pg339 Ex 9.06 Q1 2 3 6	
Formulas for the midpoint, distance and gradient Make sure all formulas are noted and highlighted in your books.	Pg 345 Ex 9.07 Q1ace 2ace 3ace 4ace Extension: 7 10 11	
Parallel and perpendicular lines	Pg 353 Ex 9.08 Q1 2ace 3a-f	
The gradient-intercept form	Pg359 Ex 9.09 Q1(every second q) 2 4	
Review	Pg 365	

Mathsonline activities have also been set and the videos may assist you if you are having issues with any of the above concepts.

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Student

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Teacher Sighted