### Unit Name | Main Ideas | Duration (weeks) | Assessment Item | Due Date
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**Patterns and algebra** | In this unit, students apply a variety of mathematical concepts in real-life, life-like and purely mathematical situations. Through the proficiency strands - Understanding, Fluency, Problem solving and Reasoning - students have opportunities to develop understandings of:  
- Patterns and algebra - use variables to represent numbers, create algebraic expressions, evaluate algebraic expressions by substitution  
- Linear and non-linear relationships - plot points on a Cartesian plane, find coordinates for points on a Cartesian plane, solve simple linear equations and create and analyse graphs from authentic data. | 10 weeks | Exam | Week 8 Friday 7th September
**Linear and non-linear relationships** |  |  |  |  |