

Maths

3 Papers

- Arithmetic Paper 40 marks (30 mins)
- Reasoning Paper 2 & 3 35 marks each (40 mins)

Maths

- Arithmetic Paper
 - 40 questions in 30 minutes
 - This paper is pure maths which means a good mark can be gained.
 - They need to understand the basic skills (rules) and methods.
 - They need to work at pace and check for silly mistakes which will lose them marks.
 - On this paper they need to aim for 30 marks or more to give them a good start.

They need to aim high!!!

Maths - Arithmetic Paper (40 marks)

Which includes:

- Basic calculations using the standard methods.
- Fraction work
 - Fractions of numbers, adding, subtracting, dividing and multiplication of fractions etc.
- Percentages
 - Percentages of number, finding the percentage from numbers.
- Decimals - understanding the place value.
 - Decimals using the four operations.
- Converting between fractions/percentages/decimals.
- Factors, multiples, square, cubes types of number etc.
- Place value by \times and \div by 10, 100, 1000 (will help with converting between measures).

All questions are in number form not word problems

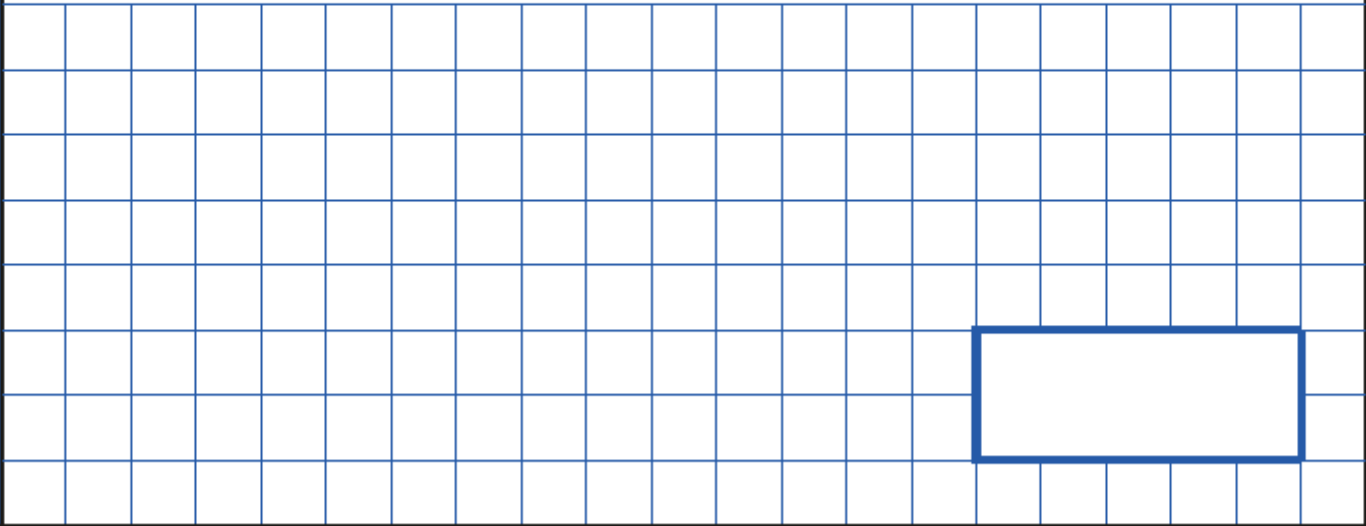
Arithmetic Paper

- If there is one calculation error resulting in a wrong answer, pupils have to use the long division method to gain one mark.

25	1 3 3 0 1 6	<input data-bbox="1946 1143 2040 1239" type="checkbox"/> 2 marks
Show your method	<div data-bbox="1518 1148 1844 1282" style="border: 2px solid blue; width: 128px; height: 94px; margin: 20px auto;"></div>	

Arithmetic Paper

- Understand methods for fractions.

36	$\frac{3}{4} \div 2 =$ 	<input data-bbox="1997 1048 2094 1145" type="checkbox"/> 1 mark
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Maths - Reasoning Papers (2 x 35 marks)

- They need to understand word problems and apply their understanding of the different aspects of Maths.
- Confidently use all four methods.
- To give explanations about their calculations using correct language and providing evidence.
- Understanding fractions and percentages within word problems.
- Interpret diagrams/charts/pie charts giving reasons for their answers.
- Compare between measures/charts/scales etc.
- Add additional information to bar charts/line graphs.
- Read and plot co-ordinators in all four quadrants.
- Shape problems which will include transformation.
- Use the inverse to find missing values.

Questions need to be read accurately

Reasoning Paper 3

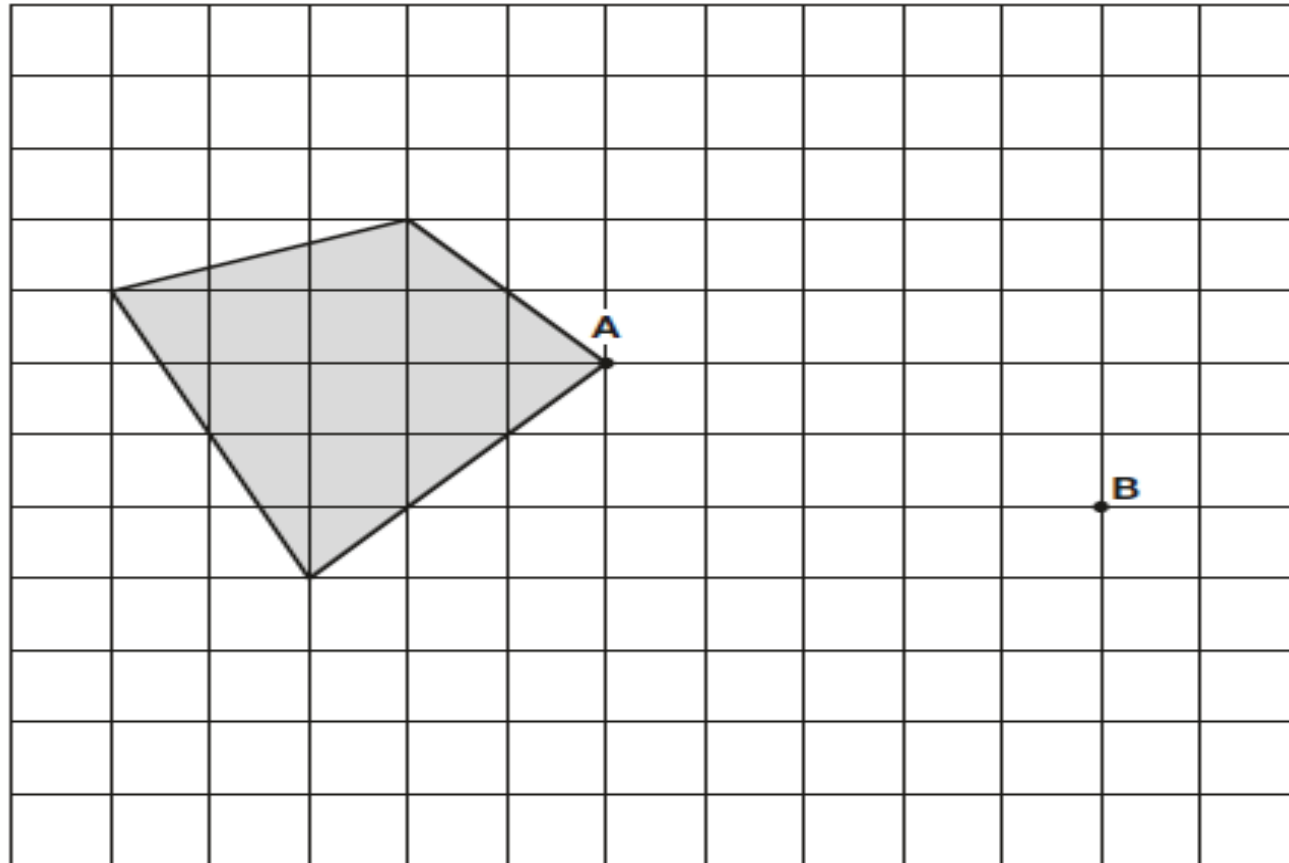
8

Here is a shaded shape on a grid.

The shape is translated so that point **A** moves to point **B**.

Draw the shape in its new position.

Use a ruler.



How to help us and your child to become confident in their Maths lessons!

- Homework to be completed on time.
- Encourage them to go on MyMaths and revise what they have done in lesson. If they are still not sure, encourage them to ask for help from you or older brothers and sister.
- **Get them to go through the lessons on MyMaths to help with their understanding.**
- Encourage them to go on Numbergym and TTrockstars to practise their tables.
- BBC bitesize to revise.
 - **Little and often will help them succeed!**