

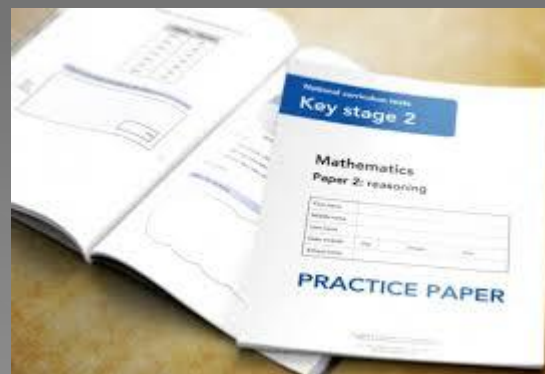
# National Curriculum SATS-2018

The new national curriculum was assessed for the first time in May 2016.

# Test Format

**Table 9: Format of the test**

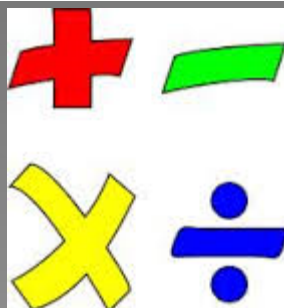
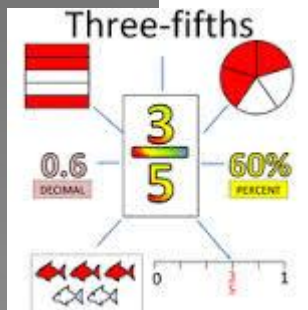
Component	Description	Number of papers	Number of marks	Timing of component
Paper 1	Arithmetic	1	30	30 minutes
Paper 2 and Paper 3	Mathematical fluency, solving problems and reasoning	2	80 overall 40 per paper	80 minutes 40 minutes per paper
<b>Total</b>		<b>3</b>	<b>110</b>	<b>110 minutes</b>



# Content

Table 10: Profile of content domain

Content area Strand	Number of marks	Percentage of marks
<p><b>Number, ratio and proportion, and algebra</b></p> <p>Number, place value, approximation and estimation (N) Addition, subtraction, multiplication, division, calculations (C) Fractions, decimals and percentages (F) Ratio and proportion (R) Algebra (A)</p>	72–83	65–75%
<p><b>Measurement, geometry and statistics</b></p> <p>Measurement (M) Geometry - properties of shapes (G) Geometry -position and direction (P) Statistics (S)</p>	28–39	25–35%



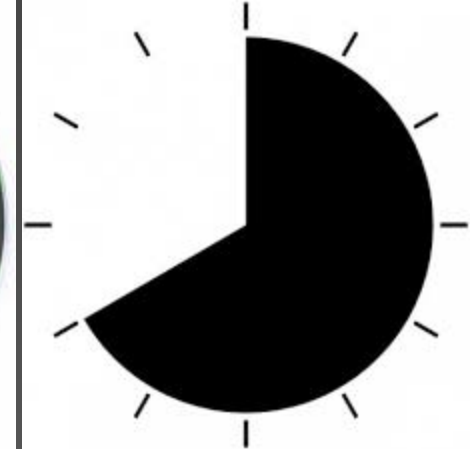
$$14 + a = 20$$

$$b + 7 = 18$$

$$23 + c = 33$$

# Key Changes

- No tracing paper
- Arithmetic Paper to replace Mental Mathematics questions (CD).
- Shorter times for papers



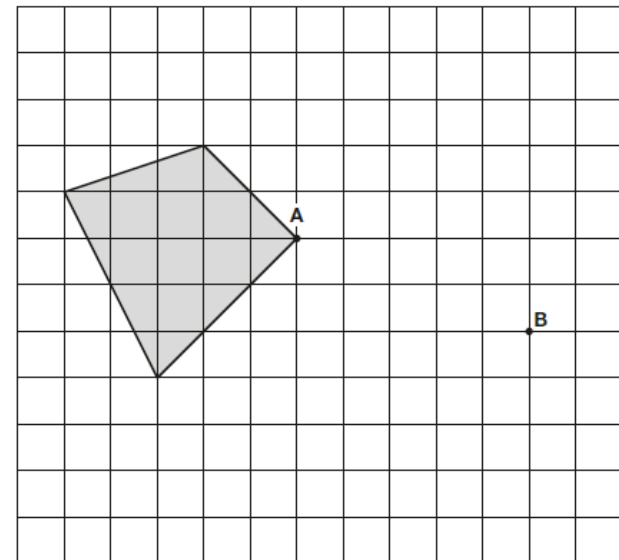
8

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.



# Arithmetic Paper

- **Paper 1:** 30 minutes - 36 questions
- Pupils will be expected to use formal methods to solve specific arithmetic questions.
- Each question in the arithmetic paper will have a grid area to encourage appropriate working out.

**Long multiplication**

$24 \times 16$ becomes	$124 \times 26$ becomes	$124 \times 26$ becomes
$\begin{array}{r} 24 \\ \times 16 \\ \hline 240 \\ 144 \\ \hline 384 \end{array}$	$\begin{array}{r} 124 \\ \times 26 \\ \hline 2480 \\ 744 \\ \hline 3224 \\ 11 \end{array}$	$\begin{array}{r} 124 \\ \times 26 \\ \hline 744 \\ 2480 \\ \hline 3224 \\ 11 \end{array}$
Answer: 384	Answer: 3224	Answer: 3224

$$\begin{array}{r} 153 \\ \times 6 \\ \hline 918 \end{array}$$

# Arithmetic Paper

5

$1,034 + 586 =$

1 mark

17

$20\% \text{ of } 1,500 =$

1 mark

21

$7,505 \div 5 =$

1 mark

26

$\frac{1}{4} \times \frac{1}{8} =$

1 mark

# Paper 2 and 3

- **Paper 2 and Paper 3:** 40 minutes each.
- The tests will contain a mixture of contextualized and context-free questions, and real life and abstract problems.
- Paper 2 – reasoning- context based
- Paper 3- reasoning – context based





# Ways to Support Your Child

- ◉ Homework-weekly skills test
- ◉ Times Tables-up to 12x12
- ◉ Telling the time-analogue and digital
- ◉ Prompt Sheets-homework folders
- ◉ Everyday maths = money / measures
- ◉ Numicon