

# Maths SATs 2024/25

- Test content
- Equipment needed
- Pupil preparation / revision
- Home support



1

$1024 - 100 =$

1 0 2 4

1 0 0

9 2 4



1 mark

1

Write the missing number.

One is done for you.

180  $\xrightarrow{\text{is 20 more than}}$  160

**257**  $\xrightarrow{\text{is 20 more than}}$  237

**237 + 20**

1 mark



17

25% of 1400 =

50% = 700

25% = 350



1 mark



8

$6.012 + 0.7 =$

6 . 0 1 2

0 . 7

6 . 7 1 2



1 mark

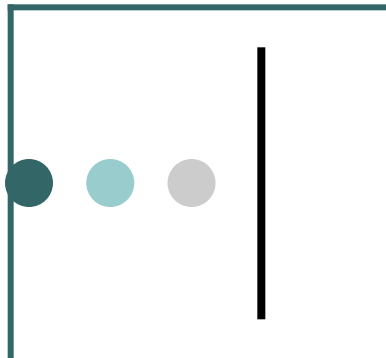
32

$$2 \times (17 - 6) =$$

$$2 \times 11 = 22$$



1 mark



	<b>Date</b>	<b>Time allocation</b>	<b>Number of questions</b>	<b>Total marks</b>
<b>Paper 1 Arithmetic</b>	<b>Wed. 14<sup>th</sup> May</b>	<b>30 minutes</b>	<b>36</b>	<b>40</b>
<b>Paper 2 Reasoning</b>	<b>Wed. 14<sup>th</sup> May</b>	<b>40 minutes</b>	<b>20 (ish)</b>	<b>35</b>
<b>Paper 3 Reasoning</b>	<b>Thurs. 15<sup>th</sup> May</b>	<b>40 minutes</b>	<b>20 (ish)</b>	<b>35</b>



# Paper 1

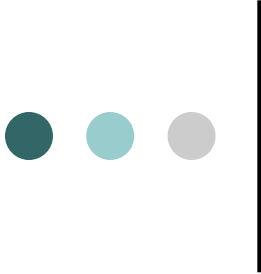
## (Arithmetic content)

- Fraction calculations
- Long Multiplication
- Division
- Percentages of amounts
- Addition (six digits)
- Subtraction (six digits)
- Multiplying / dividing by 10, 100, 1000
- BIDMAS



# Targets to aim for (out of 110)

Year	'Expected standard' score	'Greater Depth' score
2016	60	89
2017	58	95
2018	61	96
2019	58	95
2022	58	96
2023	56	94
2024	54	93
2025	54 – 60 (49% - 55%)????	94-97 (85% - 88%)????



# Test content - questions from each year group....

Year Group	2016	2017	2018	2019	2022	2023	2024
3	16%	7%	9%	11%	8%	11%	12%
4	14%	26%	18%	21%	23%	19%	26%
5	27%	25%	26%	21%	32%	29%	18%
6	43%	42%	47%	47%	37%	41%	44%



# Test content.....

Skills / knowledge tested	2022	2023	2024
Number and Place value	9%	10%	9%
Calculations	38%	33%	41%
Fraction / Decimal / Percentages	26%	25%	25%
Ratio and proportion	6%	6%	5%
Algebra	3%	7%	3%
Measures	7%	7%	7%
Shape	6%	6%	6%
Position and Direction	2%	2%	2%
Statistics	3%	4%	2%

# ● ● ● | Pupil preparation / revision

- MyMaths
- Emaths (Bank of SATs past papers)
- [www.Myminimaths.co.uk](http://www.Myminimaths.co.uk) (Arithmetic practice)
- Mathsbot
- Timestable Rockstars



# Home support

- Real problems:
- Temperature
- Money (Percentages)
- Time
- Weight conversions
- Length conversions
- Capacity conversions
- Quick fire mental problems



# Equipment needed

- Pencil
- Rubber
- Ruler
- Protractor
- Pencil Sharpener
- **Mirror**