

Maths SATs 2023/24

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

Sample questions...

1

$$1024 - 100 =$$

1 0 2 4

1 0 0

9 2 4



1 mark

1

Write the missing number.

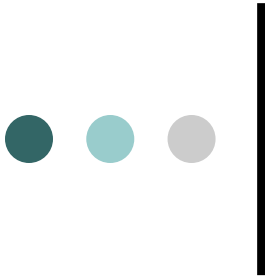
One is done for you.

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

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

$237 + 20$

1 mark



17

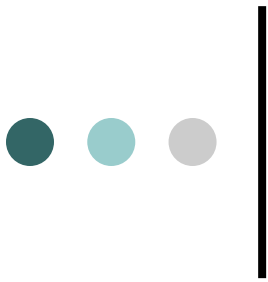
25% of 1400 =

50 % = 700

25 % = 350



1 mark



8

$$6.012 + 0.7 =$$

$$\begin{array}{r} 6.012 \\ 0.7 \\ \hline \end{array}$$

$$\underline{6.712}$$



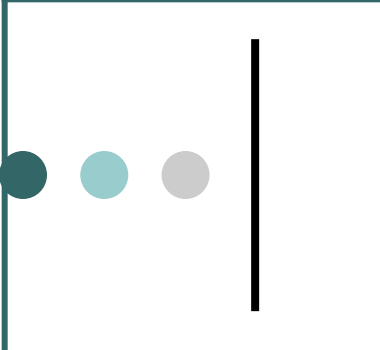
1 mark

32

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

$$2 \times 11 = 22$$

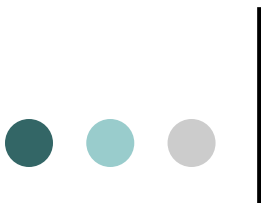
1 mark

	Date	Time allocation	Number of questions	Total marks
Paper 1 Arithmetic	Wed. 15th May	30 minutes	36	40
Paper 2 Reasoning	Wed. 15th May	40 minutes	20 (ish)	35
Paper 3 Reasoning	Thurs. 16th May	40 minutes	20 (ish)	35



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).....

Pupil attainment / year	2016	2017	2018	2019	2022	2023	2024
Met the expected Standard	60 marks	58 marks	61 marks	58 marks	58 marks	56 marks	56-61 Marks (51-55%)
Working at greater depth	89 marks	95 marks	96 marks	95 marks	96 marks	94 marks	95-97 Marks (86-88%)



Test content.....

Year Group	2016	2017	2018	2019	2022	2023
3	16%	7%	9%	11%	8%	13%
4	14%	26%	18%	21%	23%	22%
5	27%	25%	26%	21%	32%	25%
6	43%	42%	47%	47%	37%	40%



Test content.....

Skills / knowledge tested	Question content on test (%)
Number and Place value	10%
Calculations	36%
Fraction / Decimal / Percentages	27%
Ratio and proportion	5%
Algebra	3%
Measures	8%
Shape	7%
Position and Direction	2%
Statistics	2%

● ● ● | Pupil preparation / revision

- MyMaths
- Emaths (Bank of SATs past papers)
- 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