

Mark scheme

Matchday SATs Pack. Practice paper written by SATs Arcade. Not an official STA paper.

The answers given are examples, not a complete list. Accept any answer that means the same and is supported by the text or the working.

- Print the paper. Choose a quiet table with no phone, no TV and no brothers or sisters chatting.
- Set a timer for 30 minutes. When it rings, the child puts the pen down.
- Mark with a different colour pen using the table below. Write the score in the score box.

Paper 1: Arithmetic: The Warm-Up

30 minutes, 40 marks. No calculator. The child writes each answer in the box. For 2-mark questions, working goes in the box on the paper, where it can earn a method mark.

Answers and mark scheme

No.	Answer	Mark scheme	Marks
1	300	Award 1 mark for 300. Accept without commas.	1
2	585	Award 1 mark for 585. Accept without commas.	1
3	21	Award 1 mark for 21. Accept without commas.	1
4	858	Award 1 mark for 858. Accept without commas.	1
5	5,215	Award 1 mark for 5,215. Accept without commas.	1
6	240	Award 1 mark for 240. Accept without commas.	1
7	4,663	Award 1 mark for 4,663. Accept without commas.	1
8	600	Award 1 mark for 600. Accept without commas.	1
9	18.828	Award 1 mark for 18.828. Do not accept 18.83 or 18.8.	1
10	5,832	Award 1 mark for 5,832. Accept without commas.	1
11	110	Award 1 mark for 110. Accept without commas.	1

No.	Answer	Mark scheme	Marks
12	135	Award 1 mark for 135.	1
13	$\frac{3}{20}$	Award 1 mark for $\frac{3}{20}$. Accept any equivalent fraction or the exact decimal 0.15. Do not accept a percentage.	1
14	2,845,000	Award 1 mark for 2,845,000. Accept without commas.	1
15	$\frac{5}{8}$	Award 1 mark for $\frac{5}{8}$. Accept any equivalent fraction or the exact decimal 0.625. Do not accept rounded decimals such as 0.63, or a percentage.	1
16	2.46	Award 1 mark for 2.46.	1
17	$1\frac{3}{20}$ (or $\frac{23}{20}$)	Award 1 mark for $1\frac{3}{20}$ or $\frac{23}{20}$. Accept any equivalent mixed number or fraction, or the exact decimal 1.15. Do not accept a percentage.	1
18	116,656	Award 1 mark for 116,656. Accept without commas.	1
19	714	Award 1 mark for 714. Accept without commas.	1
20	156,826	Award 2 marks for the correct answer of 156,826. If the answer is incorrect, award 1 mark for a formal method of long multiplication with no more than one arithmetic error (correct partial products are 33,016 and 123,810). Working must be carried through to a final answer for the method mark. Do not award any marks if the error is in place value, for example leaving out the zero when multiplying by tens (writing 12,381 instead of 123,810). Accept without commas.	2
21	$\frac{2}{3}$	Award 1 mark for $\frac{2}{3}$. Accept any equivalent fraction, for example $\frac{8}{12}$. Accept the exact recurring decimal (0.6 recurring) only if the recurring digit is clearly marked (for example with a dot). Do not accept rounded or truncated decimals such as 0.66 or 0.67.	1
22	71	Award 1 mark for 71. Accept without commas.	1
23	8.4	Award 1 mark for 8.4. Accept 8.40.	1
24	$\frac{1}{12}$	Award 1 mark for $\frac{1}{12}$. Accept any equivalent fraction, for example $\frac{2}{24}$. Accept the exact recurring decimal only if the recurring digit is clearly marked (for example with a dot). Do not accept rounded or truncated decimals.	1

No.	Answer	Mark scheme	Marks
25	34	Award 2 marks for the correct answer of 34. If the answer is incorrect, award 1 mark for a formal method of division with no more than one arithmetic error: long division (subtracting multiples of 28, including chunking) or short division. Short division must show the carried figures, and each carried figure must be less than 28. Working must be carried through to a final answer for the method mark.	2
26	96	Award 1 mark for 96. Accept without commas.	1
27	$3\frac{5}{9}$ (or $\frac{32}{9}$)	Award 1 mark for $3\frac{5}{9}$ or $\frac{32}{9}$. Accept any equivalent mixed number or fraction. Accept the exact recurring decimal only if the recurring digit is clearly marked (for example with a dot). Do not accept rounded or truncated decimals.	1
28	34.15	Award 1 mark for 34.15.	1
29	328,068	Award 2 marks for the correct answer of 328,068. If the answer is incorrect, award 1 mark for a formal method of long multiplication with no more than one arithmetic error (correct partial products are 12,618 and 315,450). Working must be carried through to a final answer for the method mark. Do not award any marks if the error is in place value, for example leaving out the zero when multiplying by tens (writing 31,545 instead of 315,450). Accept without commas.	2
30	15	Award 1 mark for 15. Accept without commas.	1
31	324	Award 1 mark for 324. Accept without commas.	1
32	36	Award 1 mark for 36. Accept 36.0.	1
33	168	Award 2 marks for the correct answer of 168. If the answer is incorrect, award 1 mark for a formal method of division with no more than one arithmetic error: long division (subtracting multiples of 47, including chunking) or short division. Short division must show the carried figures, and each carried figure must be less than 47. Working must be carried through to a final answer for the method mark.	2
34	400	Award 1 mark for 400. Accept without commas.	1
35	188	Award 1 mark for 188. Accept without commas.	1

No.	Answer	Mark scheme	Marks
36	$2\frac{13}{24}$ (or $\frac{61}{24}$)	Award 1 mark for $2\frac{13}{24}$ or $\frac{61}{24}$. Accept any equivalent mixed number or fraction. Accept the exact recurring decimal only if the recurring digit is clearly marked (for example with a dot). Do not accept rounded or truncated decimals.	1

Score: _____ / 40



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