

2017 national curriculum tests
Key stage 2

Mathematics
Amendments to the mark schemes (AMS)

Braille



Standards
& Testing
Agency

Introduction

This guidance details the amendments made to the mark schemes for questions which have been adapted, or replaced, in the braille version of the key stage 2 mathematics test materials.

This guidance must be used in conjunction with the standard version of the key stage 2 mathematics mark schemes. Refer to the standard mark schemes when marking the braille test papers unless an alternative is given in this guidance.

Amendments to the mark scheme

Amendments to the standard test mark schemes are only provided where amendments to a question are such that the question cannot be marked using the standard test mark scheme.

Amendments to the mark schemes are not provided where the only change has been to further divide the question into subsections or where the layout of the question is different.

The mark schemes have been amended in some respects for the following questions:

Paper 1	20, 22, 24 and 36.
Paper 2	1, 3, 5, 6, 7, 9, 10, 12 and 17.
Paper 3	4, 6, 7, 13, 15, 17, 18, 21 and 24.

General guidance to be applied throughout the braille papers

- You should make every effort to understand what the pupil has written in an answer, without reading into the answer anything that the pupil did not intend.
- Some pupils with visual impairment find it difficult to get their answers across clearly. It may take you longer to read their answers. Apply the mark schemes, but be sympathetic to their difficulties.
- Pupils with visual impairment find it difficult to draw accurately. Often thick pens or pencils are used by these pupils. You should make every effort to be fair in marking these questions and take into account what appears to be the pupil's intention.
- Unless otherwise indicated in this document, there should be an increased tolerance level for all drawing and measuring. In general, pupils will only be expected to measure lengths to the nearest 0.5cm and angles to the nearest 5°.
- Any unambiguous indication of the correct answer should be credited.
- Some braille questions are asked differently to the standard version, but the differences are sufficiently small that you should still be able to apply the standard mark scheme, for example, pupils are asked to write rather than circle the answer.

Amendments to mark schemes for Paper 1: arithmetic

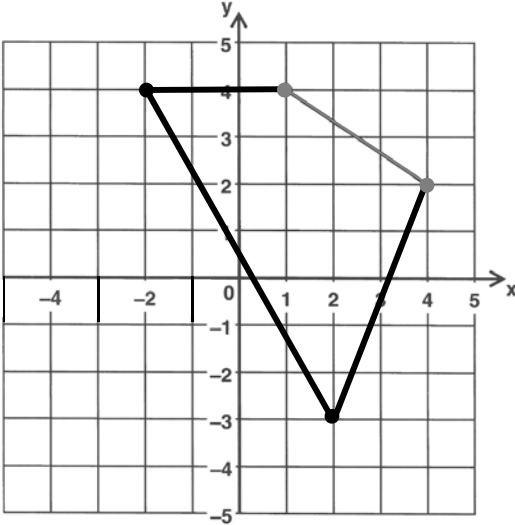
Please use the standard mark schemes to mark Paper 1: arithmetic.

For questions 20, 22, 24 and 36 the standard mark schemes expect a ‘formal method’ for long multiplication or long division. If the answer is incorrect, visually impaired pupils should be credited the method mark if they have used **any** appropriate method with no more than **ONE** arithmetic error; a formal method is not required. Working must be carried through to reach a final answer for the award of **ONE** mark.

Amendments to mark schemes for Paper 2: reasoning

Qu.	Requirement	Mark	Additional guidance
1a	160	1m	
1b	50	1m	
3a	7	1m	Both parts must be answered correctly for the award of ONE mark.
3b	6		
5	Award TWO marks for p, q, and r correct: <p>$p = 1,085$ $q = 8,099$ $r = 14,250$</p> If the answer is incorrect, award ONE mark for two correct values.	Up to 2m	
6	Numbers in order as shown: 0.328 0.96 1.253 1.9	1m	Ignore any additional numbers, provided the given numbers are correctly ordered.

Qu.	Requirement	Mark	Additional guidance
7a	Award TWO marks for three values correct: 5	Up to 2m	
7b	3		
7c	12 If the answer is incorrect, award ONE mark for two correct values.		
9	P AND S	1m	Letters may be given in either order.
10a	Award TWO marks for three values correct as shown: 84,520	Up to 2m	
10b	84,500		
10c	85,000 If the answer is incorrect, award ONE mark for two correct values.		
12a	8	1m	
12b	12	1m	

Qu.	Requirement	Mark	Additional guidance
17	Quadrilateral completed as shown: 	1m	Accept inaccuracies in drawing provided the intention is clear. Accept points correctly plotted, without connecting lines drawn.

Amendments to mark schemes for Paper 3: reasoning

Qu.	Requirement	Mark	Additional guidance
4a	4	1m	Do not accept -4 or 4-
4b	-2	1m	Do not accept 2-
6	14:01	1m	Accept 14:01 AND 17:26 both written provided no other times are also written. Do not accept only the arrival time 17:26 written.
7	Point (4, 1) marked	1m	Accept slight inaccuracies in drawing provided the intention is clear. Accept triangle drawn and/or three vertices correctly marked at (1, 1), (1, 4) and (4, 1) provided no other vertices are marked.
13	R	1m	Accept alternative unambiguous positive indications, e.g. shape R marked on tactile diagram.

Qu.	Requirement	Mark	Additional guidance
15	(Shape) 2	1m	Accept alternative unambiguous positive indications, e.g. E marked on tactile diagram.
17a	$1\frac{1}{2}$	Up to 2m	Accept equivalent decimal numbers e.g. 1.5 Accept equivalent fractions, e.g. $1\frac{3}{10}$ Accept equivalent fractions, e.g. $1\frac{4}{10}$ Accept equivalent decimals, e.g. 1.6
17b	1.3		
17c	1.4		
17d	$1\frac{3}{5}$		
	If the answer is incorrect, award ONE mark for any three parts answered correctly.		
18a	9	1m	Do not accept 3^2
18b	13		
21a	$\frac{3}{8}$	1m	Accept equivalent fractions or an exact decimal equivalent, e.g. 21a) 0.375 for $\frac{3}{8}$
21b	$2\frac{7}{8}$ or $\frac{23}{8}$	1m	21b) 2.875 for $2\frac{7}{8}$

Qu.	Requirement	Mark	Additional guidance
24	<p>Award TWO marks for the correct answer of 9</p> <p>If the answer is incorrect, award ONE mark for evidence of an appropriate method, e.g.</p> <ul style="list-style-type: none">• $216 = 4 \times 6 \times ?$ <p>OR</p> <ul style="list-style-type: none">• $216 \div 6 = 36$• $36 \div 4$	Up to 2m	Answer need not be obtained for the award of ONE mark.

BLANK PAGE

[This page is intentionally blank.]



Standards
& Testing
Agency

2017 key stage 2 mathematics: amendments to mark schemes - braille
Electronic PDF version product code: STA/17/7829/e ISBN: 978-1-78644-529-2

© Crown copyright and Crown information 2017

Re-use of Crown Copyright and Crown information in test materials

Subject to the exceptions listed below, the test materials on this website are Crown copyright or Crown information and you may re-use them (not including logos) free of charge in any format or medium in accordance with the terms of the Open Government Licence v3.0 which can be found on the national Archives website and accessed via the following link: www.nationalarchives.gov.uk/doc/open-government-licence. When you use this information under the Open Government Licence v3.0, you should include the following attribution: 'Contains public sector information licensed under the Open Government Licence v3.0' and where possible provide a link to this licence.

Exceptions- third-party copyright content in test materials

You must obtain permission from the relevant copyright owners, as listed in the '2017 key stage 2 tests copyright report', for re-use of any third-party copyright content which we have identified in the test materials, as listed below. Alternatively you should remove the unlicensed third-party copyright content and/or replace it with appropriately licensed materials.

Third-party content

These materials contain no third-party copyright content.

If you have any queries regarding these test materials contact the national curriculum assessment helpline on 0300 303 3013 or email assessments@education.gov.uk