Mark Scheme (Results)

November 2024

Pearson Edexcel International GCSE In Mathematics A (4MA1) Paper 1H

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General Marking Guidance

- All candidates must receive the same treatment. Examiners must mark the first candidate in exactly the same way as they mark the last.
- Mark schemes should be applied positively. Candidates must be rewarded for what they have shown they can do rather than penalised for omissions.
- Examiners should mark according to the mark scheme not according to their perception of where the grade boundaries may lie.
- There is no ceiling on achievement. All marks on the mark scheme should be used appropriately.
- All the marks on the mark scheme are designed to be awarded. Examiners should always award full marks if deserved, i.e. if the answer matches the mark scheme. Examiners should also be prepared to award zero marks if the candidate's response is not worthy of credit according to the mark scheme.
- Where some judgement is required, mark schemes will provide the principles by which marks will be awarded and exemplification may be limited.
- When examiners are in doubt regarding the application of the mark scheme to a candidate's response, the team leader must be consulted.
- Crossed out work should be marked UNLESS the candidate has replaced it with an alternative response.

Type 3 Mark Scheme

November 2024
International GCSE Mathematics

(4MA1 1H)

Q01a
Q03a
Q04a
Q04b
Q04c
Q09a

NB: Some candidates may use a ‘continental seven, which should always be accepted. Some candidates will use a comma where we would use a decimal point and a decimal point where we would use a comma – this is also acceptable.

Clerical Mark scheme
November 2024

4MA1 1H Q01a

Question	Answer	Mark	Notes
Q01a	$10 < p \leqslant 15$	1	Accept 10 – 15 $10 \leqslant p \leqslant 15$ $10 < p < 15$ 10 to 15 Do not accept 18

4MA1 1H Q03a

Question	Answer	Mark	Notes
Q03a	p^{15}	1	The 15 must be a power (15 raised above the level of the base of p) Do not accept $p15$ (where 15 is clearly not a power) or $p \times 15$

4MA1 1H Q04a

Question	Answer	Mark	Notes
Q04a	2 3 5 7	1	All numbers must be present with no repeats and no other numbers. Numbers can be in any order Allow commas, colons, etc, between the numbers 2.3.5.7 Acceptable (in any order) 2 + 3 + 5 + 7 Acceptable (in any order) 2 – 3 – 5 – 7 Acceptable (in any order) 2.3.5.7 = 17 or 210 NOT acceptable 2 + 3 + 5 + 7 = 17 NOT acceptable 2 × 3 × 5 × 7 = 210 NOT acceptable

4MA1 1H Q04b

Question	Answer	Mark	Notes
Q04b	3 7	1	Both numbers must be present with no repeats and no other numbers. Numbers can be in any order Allow commas, colons, etc, between the numbers 3.7 Acceptable (in any order) 3 + 7 Acceptable (in any order) 3 – 7 Acceptable (in any order) 3.7 = 10 or 21 NOT acceptable 3 × 7 = 21 NOT acceptable 3 – 7 = 4 or –4 NOT acceptable

4MA1 1H Q04c

Question	Answer	Mark	Notes
Q04c	2 4 5 6 8	1	All numbers must be present with no repeats and no other numbers. Numbers can be in any order Allow commas, colons, etc, between the numbers 2.4.5.6.8 Acceptable (in any order) 2 + 4 + 5 + 6 + 8 Acceptable (in any order) 2 – 4 – 5 – 6 – 8 Acceptable (in any order) 2.4.5.6.8 = 27 or 1920 NOT acceptable 2 + 4 + 5 + 6 + 8 = 27 NOT acceptable 2 × 4 × 5 × 6 × 8 = 1920 NOT acceptable

4MA1 1H Q09a

Question	Answer	Mark	Notes
Q09a	0.000 084	1	Accept 00.000 084 000.000 084 etc .000 084 0.000 084(00000…..) Accept a comma for a decimal point eg 0,000 084 Only accept one decimal point in the correct place. **More than one decimal point or comma scores zero.**

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