SharpY Mind

Every great Mind starts with Why



CSSE-style Mock Paper 1 answers and marking sheet

Maths · English language tasks

How to mark. Give 1 mark for each correct answer (accept an equivalent form, such as £2.50 for £2.5, and correct units). Write each section's score in the table, then read the reasons for every question you got wrong. Each wrong option is a slip real children make, so the explanation shows what went wrong. Scores from a SharpY paper do not predict a real exam mark, because real papers differ by area and year and pass marks are set locally.

Section	Score
Maths (written answers)	_____ / 15
English (language tasks)	_____ / 12

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SharpY Mind

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Maths (written answers)

Q1. 30 Order of operations

What is 7 + 5 × 5 − 2?

Multiplication first: 5 × 5 = 25. Then 7 + 25 = 32, and 32 − 2 = 30.

- Common wrong answer **58**: this answer works left to right, (7 + 5) × 5 − 2, adding before multiplying
- Common wrong answer **22**: this answer subtracts 2 from 5 first, which the order of operations does not allow
- Common wrong answer **34**: this answer adds 2 instead of taking it away

Q2. 96 cm² Area

What is the area of a rectangle that is 12 cm long and 8 cm wide?

Area = length × width = 12 × 8 = 96 cm².

- Common wrong answer **40 cm²**: this answer finds the perimeter by adding all four sides
- Common wrong answer **20 cm²**: this answer adds length and width and stops
- Common wrong answer **48 cm²**: this answer halves the answer, as for a triangle

Q3. £9.75 Money and change

Rosa buys 3 notebooks at £1.75 each and pays with a £15 note. How much change does Rosa get?

3 × £1.75 = £5.25. Change: £15 − £5.25 = £9.75.

- Common wrong answer **£5.25**: this answer is the total cost, not the change
- Common wrong answer **£13.25**: this answer takes the price of only one item from £15
- Common wrong answer **£10.75**: this answer forgets to borrow in the subtraction, so it is £1 too high

Q4. 21 Fraction of an amount

What is 7/10 of 30?

30 ÷ 10 = 3 is one part. 7 parts: 3 × 7 = 21.

- Common wrong answer **3**: this answer finds 1/10 only (30 ÷ 10 = 3) and forgets to multiply by 7
- Common wrong answer **9**: this answer finds 3/10, the part that is left over, not 7/10
- Common wrong answer **23**: this answer takes 7 away from 30 instead of finding a fraction

Q5. 3.025 kg Units of mass

A parcel weighs 3 kg 25 g. What is its mass in kilograms?

1 kg is 1000 g, so 25 g is 25/1000 = 0.025 kg. 3 + 0.025 = 3.025 kg.

- Common wrong answer **3.25 kg**: this answer treats 25 g as 25/100 of a kilogram
- Common wrong answer **5.5 kg**: this answer treats 25 g as 25/10 of a kilogram
- Common wrong answer **3025 kg**: this answer gives the mass in grams but writes kg

Q6. 16:50 Time

The coach journey starts at 12:55 and lasts 3 hours 55 minutes. At what time does it finish?

12:55 + 3 hours = 15:55. Then add 55 minutes: 15:55 + 55 = 16:50. An hour has 60 minutes, so carry over to the next hour when the minutes pass 60.

- Common wrong answer **15:50**: this answer adds the minutes but does not carry the extra hour when they pass 60
- Common wrong answer **17:00**: this answer is 10 minutes late, from a slip when counting on past the hour
- Common wrong answer **16:40**: this answer is 10 minutes early, from a slip when counting on past the hour

Q7. −2°C Negative numbers

On the hill, the temperature at 6 a.m. is 8°C. By midnight it has fallen by 10 degrees. What is the temperature at midnight?

Falling 10 degrees from 8°C: 8 − 10 = −2. It goes below zero.

- Common wrong answer **2°C**: this answer takes the smaller number from the larger and loses the minus sign
- Common wrong answer **18°C**: this answer adds the fall to the temperature instead of taking it away
- Common wrong answer **−18°C**: this answer treats the starting temperature as below zero

Q8. 58° Angles

Three angles meet on a straight line. Two of them are 77° and 45°. What is the size of the third angle?

Angles on a straight line add up to 180°. 77 + 45 = 122, and 180 − 122 = 58.

- Common wrong answer **122°**: this answer adds the two angles and stops
- Common wrong answer **238°**: this answer uses 360° (a full turn) instead of 180° for a straight line
- Common wrong answer **13°**: this answer uses 90° (a right angle) as the total and takes away only the first angle

Q9. 962 Long multiplication

What is 26 × 37?

26 × 7 = 182 and 26 × 30 = 780. Add: 182 + 780 = 962.

- Common wrong answer **260**: this answer forgets the zero when multiplying by the tens digit, so it uses 78 instead of 780
- Common wrong answer **182**: this answer only multiplies by the units digit, 7
- Common wrong answer **780**: this answer only multiplies by the tens, 30

Q10. 72 Percentage of an amount

What is 18% of 400?

10% of 400 is 40. Build 18% from 10%, 5% and 1% pieces to reach 72.

- Common wrong answer **720**: this answer puts the decimal point in the wrong place, so it is ten times too big
- Common wrong answer **7.2**: this answer is ten times too small, from dividing by 10 once too often
- Common wrong answer **328**: this answer finds what is left after 18% has been taken away

Q11. 13 Mean (average)

What is the mean of these five numbers? 6, 19, 5, 20, 15

Add: 6 + 19 + 5 + 20 + 15 = 65. Divide by 5: 65 ÷ 5 = 13.

- Common wrong answer **15**: this answer gives the middle number when they are put in order (the median), not the mean
- Common wrong answer **65**: this answer adds the numbers and forgets to divide by 5
- Common wrong answer **12.5**: this answer halves the biggest and smallest numbers added together

Q12. 7 cm Perimeter

A rectangle has a perimeter of 32 cm and a length of 9 cm. What is its width?

Two lengths and two widths make 32 cm. Half the perimeter is 16 cm, which is length + width. 16 − 9 = 7 cm.

- Common wrong answer **16 cm**: this answer stops at half the perimeter, which is length + width
- Common wrong answer **23 cm**: this answer takes away only one length from the whole perimeter
- Common wrong answer **14 cm**: this answer takes away two lengths but forgets there are two widths, so this is 2 × width

Q13. £60 Ratio and sharing

£132 is shared between Grace and Maya in the ratio 5 : 6. How much does Grace get?

5 + 6 = 11 equal parts. £132 ÷ 11 = £12 for each part. Grace gets 5 × £12 = £60.

- Common wrong answer **£72**: this answer is Maya's share, not Grace's
- Common wrong answer **£66**: this answer shares the money equally and ignores the ratio
- Common wrong answer **£12**: this answer stops after finding the value of one part

Q14. 80 Number patterns

A pattern starts 3, 10, 17, 24 and keeps going up by the same amount each time. What is the 12th number in the pattern?

It goes up by 7 each time. From the 1st number to the 12th there are 11 jumps: 3 + 11 × 7 = 80.

- Common wrong answer **84**: this answer multiplies the step 7 by 12 and ignores the starting number
- Common wrong answer **87**: this answer uses 12 jumps instead of 11
- Common wrong answer **77**: this answer finds 11 jumps but forgets the starting 3

Q15. 125 km Speed, distance and time

A coach travels at 50 kilometres per hour for 2 hours 30 minutes. How far does it travel?

In 2 hours it goes 100 km. In 30 minutes it goes 25 km (30/60 of 50). Total: 100 + 25 = 125 km.

- Common wrong answer **100 km**: this answer ignores the extra 30 minutes
- Common wrong answer **115 km**: this answer writes 2 hours 30 minutes as 2.30 hours, but 30 minutes is not 30/100 of an hour
- Common wrong answer **130 km**: this answer adds the 30 minutes straight onto the kilometres

English (language tasks)

Q16. occasion Spelling

The word “ocasion” is spelt wrongly. Write it correctly.
The correct spelling is “occasion”. Split it into syllables and check each part.

- Common wrong answer **ocasion**: this spelling leaves out a c
- Common wrong answer **occassion**: this spelling doubles the s
- Common wrong answer **occation**: this spelling spells the end as -tion

Q17. the farmers' tent Apostrophes

Write a phrase, using an apostrophe correctly, to show that the tent belongs to three farmers.
There is more than one farmer, so the plural farmers is the owner. The apostrophe goes after the s: the farmers' tent.

- Common wrong answer **the farmer's tent**: this answer puts the apostrophe as if there were only one farmer
- Common wrong answer **the farmers tent**: this answer has no apostrophe to show ownership
- Common wrong answer **the farmers's tent**: this answer for a regular plural ending in s, the apostrophe goes after the s

Q18. “Please sit down,” said the teacher. Speech punctuation

Write this sentence again with the speech marks and punctuation put in correctly: Please sit down said the teacher
The spoken words start with a capital letter and the punctuation (,) goes inside the speech marks. Because "said the teacher" carries on the same sentence, it starts with a small letter.

- Common wrong answer **“Please sit down.” said the teacher.**: this answer has the wrong closing mark inside the speech marks; a full stop cannot come before "said the teacher"
- Common wrong answer **“Please sit down”, said the teacher.**: this answer puts the punctuation outside the speech marks instead of inside
- Common wrong answer **“Please sit down” said the teacher.**: this answer has no punctuation at the end of the spoken words

Q19. Who's, whose, whose Their / there / they’re and similar

Choose the words that fill the three gaps correctly, in order. “(1) ____ the girl (2) ____ bike is blue, and (3) ____ brother is here?”
Check each gap by saying the sentence with the words each could stand for. Answer: Who's, whose, whose.

- Common wrong answer **Who's, who's, who's**: this answer uses “who's” in blank 2, but “who's” is short for “who is” or “who has”, so it does not fit there
- Common wrong answer **Whose, who's, whose**: this answer uses “whose” in blank 1, but “whose” asks who owns something, so it does not fit there
- Common wrong answer **Who's, whose, who's**: this answer uses “who's” in blank 3, but “who's” is short for “who is” or “who has”, so it does not fit there

Q20. definitely Spelling

The word “definately” is spelt wrongly. Write it correctly.
The correct spelling is “definitely”. Split it into syllables and check each part.

- Common wrong answer **definately**: this spelling spells the middle as -ately
- Common wrong answer **definitly**: this spelling leaves out the e
- Common wrong answer **defanitely**: this spelling spells the first vowel as a

Q21. the sailor's book Apostrophes

Write a phrase, using an apostrophe correctly, to show that the book belongs to one sailor.
There is one sailor, so the apostrophe comes before the s: the sailor's book.

- Common wrong answer **the sailors' book**: this answer puts the apostrophe after the s, which shows many owners, but there is only one
- Common wrong answer **the sailors book**: this answer has no apostrophe to show ownership
- Common wrong answer **the sailor book's**: this answer puts the apostrophe on the thing owned instead of the owner

Q22. “Stop that at once!” shouted the coach. Speech punctuation

Write this sentence again with the speech marks and punctuation put in correctly: Stop that at once shouted the coach
The spoken words start with a capital letter and the punctuation (!) goes inside the speech marks. Because "shouted the coach" carries on the same sentence, it starts with a small letter.

- Common wrong answer **“Stop that at once.” shouted the coach.**: this answer has the wrong closing mark inside the speech marks; a full stop cannot come before "shouted the coach"
- Common wrong answer **“Stop that at once”! shouted the coach.**: this answer puts the punctuation outside the speech marks instead of inside
- Common wrong answer **“Stop that at once” shouted the coach.**: this answer has no punctuation at the end of the spoken words

Q23. There, they're, their Their / there / they're and similar

Choose the words that fill the three gaps correctly, in order. "(1) ____ is a rumour that (2) ____ not coming to (3) ____ party."
Check each gap by saying the sentence with the words each could stand for. Answer: There, they're, their.

- Common wrong answer **They're, they're, they're**: this answer uses "they're" in blank 1, but "they're" is short for "they are", so it does not fit there
- Common wrong answer **They're, their, there**: this answer uses "they're" in blank 1, but "they're" is short for "they are", so it does not fit there
- Common wrong answer **There, there, their**: this answer uses "there" in blank 2, but "there" points to a place or begins "there is / there are", so it does not fit there

Q24. environment Spelling

The word "enviroment" is spelt wrongly. Write it correctly.
The correct spelling is "environment". Split it into syllables and check each part.

- Common wrong answer **enviroment**: this spelling leaves out the n
- Common wrong answer **environmant**: this spelling ends -mant
- Common wrong answer **envirenment**: this spelling changes the o to e

Q25. the child's coat Apostrophes

Write a phrase, using an apostrophe correctly, to show that the coat belongs to one child.
There is one child, so the apostrophe comes before the s: the child's coat.

- Common wrong answer **the children' coat**: this answer puts the apostrophe after the s, which shows many owners, but there is only one
- Common wrong answer **the children coat**: this answer has no apostrophe to show ownership
- Common wrong answer **the child coat's**: this answer puts the apostrophe on the thing owned instead of the owner

Q26. "I have lost my key," said Omar. Speech punctuation

Write this sentence again with the speech marks and punctuation put in correctly: I have lost my key said Omar
The spoken words start with a capital letter and the punctuation (,) goes inside the speech marks. Because "said Omar" carries on the same sentence, it starts with a small letter.

- Common wrong answer **"I have lost my key." said Omar.**: this answer has the wrong closing mark inside the speech marks; a full stop cannot come before "said Omar"
- Common wrong answer **"I have lost my key", said Omar.**: this answer puts the punctuation outside the speech marks instead of inside
- Common wrong answer **"I have lost my key" said Omar.**: this answer has no punctuation at the end of the spoken words

Q27. It's, its, it's Their / there / they're and similar

Choose the words that fill the three gaps correctly, in order. "(1) ____ clear that the cat has hurt (2) ____ paw, and (3) ____ been limping all day."
Check each gap by saying the sentence with the words each could stand for. Answer: It's, its, it's.

- Common wrong answer **Its, its, it's**: this answer uses "its" in blank 1, but "its" means "belonging to it", so it does not fit there
- Common wrong answer **It's, it's, its**: this answer uses "it's" in blank 2, but "it's" is short for "it is" or "it has", so it does not fit there
- Common wrong answer **It's, it's, it's**: this answer uses "it's" in blank 2, but "it's" is short for "it is" or "it has", so it does not fit there