



YEAR 5 EASTER ASSESSMENT

EXAM PAPER

English

First name: _____

Last name: _____

Date of Birth: __ __ / __ __ / __ __



This paper contains 64 marks

- a.** This paper consists of a **50-minute test**.
- b.** Read the instructions carefully.
- c.** Do not begin the test or open the booklet until told to do so.
- d.** Work as quickly and as carefully as you can.



ENGLISH TEST

Read this passage carefully and then answer the questions that follow.

The Adventure of the Beryl Coronet

(An extract from The Adventures of Sherlock Holmes by Sir Arthur Conan Doyle)

“Holmes,” said I as I stood one morning in our bow-window looking down the street, “here is a madman coming along. It seems rather sad that his relatives should allow him to come out alone.”

5 My friend rose lazily from his armchair and stood with his hands in the pockets of his dressing-gown, looking over my shoulder. It was a bright, crisp February morning, and the snow of the day before still lay deep upon the ground, shimmering brightly in the wintry sun. Down the centre of Baker Street it had been ploughed into a brown crumbly band by the traffic, but at either side and on the heaped-up edges of the
10 footpaths it still lay as white as when it fell. The grey pavement had been cleaned and scraped, but was still dangerously slippery, so that there were fewer passengers than usual. Indeed, from the direction of the Metropolitan Station no one was coming save the single gentleman whose eccentric conduct had drawn my attention.

15 He was a man of about fifty, tall, portly, and imposing, with a massive, strongly marked face and a commanding figure. He was dressed in a sombre yet rich style, in black frock-coat, shining hat, neat brown gaiters, and well-cut pearl-grey trousers. Yet his actions were in absurd contrast to the dignity of his dress and features, for he was running hard, with occasional little springs, such as a weary man gives who is little
20 accustomed to set any tax upon his legs. As he ran he jerked his hands up and down, wagged his head, and writhed his face into the most extraordinary contortions.

“What on earth can be the matter with him?” I asked. “He is looking up at the numbers of the houses.”

25 “I believe that he is coming here,” said Holmes, rubbing his hands.
“Here?”

“Yes; I rather think he is coming to consult me professionally. I think that I recognise the symptoms. Ha! did I not tell you?” As he spoke, the man, puffing and blowing,

30 rushed at our door and pulled at our bell until the whole house resounded with the clanging.

A few moments later he was in our room, still puffing, still gesticulating, but with so fixed a look of grief and despair in his eyes that our smiles were turned in an instant to horror and pity. For a while he could not get his words out, but swayed his body and plucked at his hair like one who has been driven to the extreme limits of his reason. Then, suddenly springing to his feet, he beat his head against the wall with such force that we both rushed upon him and tore him away to the centre of the room. Sherlock Holmes pushed him down into the easy-chair and, sitting beside him, patted his hand and chatted with him in the easy, soothing tones which he knew so well how to employ.

40 “You have come to me to tell your story, have you not?” said he. “You are fatigued with your haste. Pray wait until you have recovered yourself, and then I shall be most happy to look into any little problem which you may submit to me.”

45 The man sat for a minute or more with a heaving chest, fighting against his emotion. Then he passed his handkerchief over his brow, set his lips tight, and turned his face towards us.

“No doubt you think me mad?” said he.

50 “I see that you have had some great trouble,” responded Holmes.

“God knows I have!—a trouble which is enough to unseat my reason, so sudden and so terrible is it. Public disgrace I might have faced, although I am a man whose character has never yet borne a stain. Private affliction also is the lot of every man; but the two coming together, and in so frightful a form, have been enough to shake my very soul. Besides, it is not I alone. The very noblest in the land may suffer unless some way be found out of this horrible affair.”

60 “Pray compose yourself, sir,” said Holmes, “and let me have a clear account of who you are and what it is that has befallen you.”

“My name,” answered our visitor, “is probably familiar to your ears. I am Alexander Holder, of the banking firm of Holder & Stevenson, of Threadneedle Street.”

65 The name was indeed well known to us as belonging to the senior partner in the second largest private banking concern in the City of London. What could have happened, then, to bring one of the foremost citizens of London to this most pitiable pass? We waited, all curiosity, until with another effort he braced himself to tell his story.

Please answer the questions. You may refer to the passage again if you need to. Choose the best answer and mark its letter.

1. The word 'lazily' (line 5) is what type of word?

- A.** An adverb
- B.** An adjective
- C.** A noun
- D.** A pronoun
- E.** A superlative adjective

2. The passage is mostly likely to be seen in a:

- A.** News article
- B.** Poetry anthology
- C.** Fairytale
- D.** Non-Fiction book
- E.** Novel

3. This passage has been written in:

- A.** Limerick style
- B.** The first person
- C.** The second person
- D.** The third person
- E.** The future tense

4. How many words on (line 21) are verbs?

- A.** 0
- B.** 1
- C.** 2
- D.** 3
- E.** 4

5. Which words in (line 9) have been hyphenated?

- A. Heaped and up
- B. The and traffic
- C. Crumbly and band
- D. Edges of
- E. Baker and Street

6. When was this passage set?

- A. On a winter's morning
- B. On a crisp afternoon in March
- C. Summer evening
- D. In December
- E. The passage does not specify

7. Why were there less commuters around the city that day?

- A. It was a bank holiday.
- B. The Metropolitan Station was closed.
- C. People feared the madman in the street.
- D. There was too much traffic.
- E. The snow and ice were dangerous.

8. What does the word 'save' (line 12) mean in the passage?

- A. Banking money
- B. Because
- C. To rescue
- D. Apart from
- E. Perhaps

9. What does 'eccentric' mean on (line 13)?

- A. Undomesticated
- B. Expressing overwhelming happiness
- C. Witty or charming
- D. Unconventional and slightly strange
- E. Clever and cunning

10. What is not true about Mr. Holder's attire?

- A. He wore grey trousers.
- B. He was tall and rather stout.
- C. He was dirty and unkempt.
- D. He looked formal and affluent.
- E. He was wearing a hat.

**11. "Yet his actions were in absurd contrast to the dignity of his dress"
what does this mean?**

- A. He did not normally wear smart dress and it was obvious to Holmes and Watson.
- B. He was not acting like a gentleman is expected to.
- C. The man was calm, but his clothes were disheveled.
- D. He had marks and stains on his clothes.
- E. The man had stolen the jacket and gaiters.

12. What could we infer from the action where Holmes is rubbing his hands? (line 25).

- A. To show menace.
- B. He was rubbing them to keep warm outside.
- C. He was excited about the prospect of a new client.
- D. A nervous twitch.
- E. He was worried about the madman.

13. What actions indicated that the man was clearly distressed?

- A. Severe aggression and memory loss.
- B. He tore his handkerchief in two.
- C. He was sobbing uncontrollably.
- D. He pulled at his hair banged his head on the wall.
- E. He had forgotten his own name.

14. How did Holmes manage to calm the man down?

- A. By speaking softly and offering the man a seat.
- B. Prescribing medication.
- C. By offering the man a stiff drink.
- D. Restraining him for several minutes.
- E. Getting Watson to manage the situation alone.

15. Why was there in a delay in the gentleman telling Holmes and Watson of his predicament?

- A. The bell rang in the hallway.
- B. There was another knock on the door.
- C. The man needed to catch his breath.
- D. Holmes required further assistance.
- E. The visitor was too shy to speak.

16. What is a similar word to 'haste' in (line 42)?

- A. Coarseness
- B. Inaccuracy
- C. Slow
- D. Cruelty
- E. Swiftiness

17. What is a similar word to 'gesticulating' (line 32)?

- A. Smiling
- B. Gesturing
- C. Begging
- D. Weeping
- E. Searching

**18. 'I am a man whose character has never yet borne a stain.'
(Lines 52 – 53). What does this sentence infer?**

- A. The gentleman has a good reputation.
- B. Not many people in London know him.
- C. He was not born a rich man.
- D. His clothes are always clean.
- E. He is well-known for misdemeanors.

19. 'Holder & Stevenson', 'Holmes' and 'Metropolitan Station' are all examples of:

- A. Conjunctions
- B. Proper Nouns
- C. Adverbs
- D. Common nouns
- E. Alliteration

20. "The very noblest in the land may suffer unless some way be found out of this horrible affair" (line 55 – 56). What does this imply?

- A. Other gentlemen could suffer if the matter is not dealt with.
- B. He is the only man implicated in this problem.
- C. Rich and powerful men are not involved.
- D. He is being blackmailed.
- E. His land is at risk of being taken from him.

21. What was the occupation of Mr. Holder?

- A. A general practitioner
- B. A lawyer
- C. A dentist on Threadneedle Street
- D. An architect
- E. A partner in a bank

22. “He braced himself” (line 66) means:

- A. To stand up quickly.
- B. To relish and enjoy the story.
- C. Getting dressed.
- D. To get ready for something unpleasant.
- E. To make a sound with his teeth.

23. How does this exert build excitement for the reader?

- A. The author immediately tells us why the man is so anxious.
- B. The story is written in a rhyming couplet.
- C. There is no dialogue in the passage.
- D. The author slowly introduces Mr. Holder into the scene with descriptive writing.
- E. There are statistics to emphasize the main argument.

Proofreading - Spelling

In these sentences, there are spelling mistakes. On each numbered line, there is either one mistake or no mistake. Find the group of words with the mistake in it or choose (N).

24. He carefully perused the dusty bookshelves of the forgotten library.

A B C D N

25. Maliciously, she rejected his generous job offer with an acrimonyous sneer.

A B C D N

26. He gave her a recommendation for a reputable psychologist in town.

A B C D N

27. They started out on their hazardous and lengthy misson to Mars.

A B C D N

28. His reputation was impeccable among his colleagues and friends.

A B C D N

29. Amphibians have adapted to live in a number of different habitats.

A B C D N

30. The factory in my local town is a small relick of London's industrialist past.

A B C D N

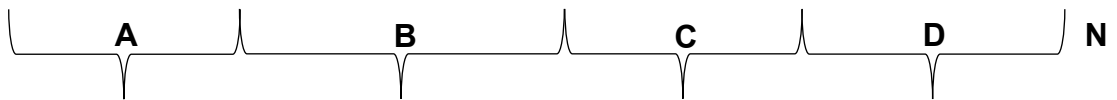
31. This infamous murder was depicted in graffⁱc detail by the newspaper.



32. Their lavish lifestyles featur^ed numerous properties and a luxury yacht.



33. Birds of pray are numerous and include eagles, vultures, kites and ravens.



Proofreading - Punctuation

In these sentences, there are grammar or punctuation mistakes. On each numbered line, there is either one mistake or no mistake. Find the group of words with the mistake in it or choose (N).

34. 'Frank,' said Uncle Jack, sounding extremely relieved. 'At last. How are you.'

A B C D N

35. Francesca's friend penelope was a strange girl with a peculiar face.

A B C D N

36. Reluctantly, they took the long dark and winding road back to the cottage.

A B C D N

37. The stranger was kind to her – even though She was penniless and old.

A B C D N

38. Thanks to pain medication, Clarissa was resting comfortably on, the sofa.

A B C D N

Sentence Completion

In this passage choose the best word or group of words to complete each numbered line so that it makes sense and is written in correct English.

39.

One warm June evening I was

sit A	keep B	sitting C	lounge D	lie E
-----------------	------------------	---------------------	--------------------	-----------------

up in my room supposedly studying, but actually all thoughts of study had long

40.

since

stayed A	kept B	gone C	going D	leaving E
--------------------	------------------	------------------	-------------------	---------------------

where most good

41.

resolutions go.

He A	When B	Who C	She D	I E
----------------	------------------	-----------------	-----------------	---------------

can study on a

42.

mild June evening anyway? I can study almost any other time, but on such

event A	time B	age C	occasions D	evening E
-------------------	------------------	-----------------	-----------------------	---------------------

my thoughts go fluid, and I am

43.

off to Treasure Island or with Jules Verne. I was somewhere in those latitudes when

a

rap A	rag B	loud C	stern D	scrape E
-----------------	-----------------	------------------	-------------------	--------------------

sounded on my door.

44.

I opened a textbook, scattered a

selection A	few B	couples C	eight D	random E
-----------------------	-----------------	---------------------	-------------------	--------------------

papers about for realistic effect and then went to the door.

45.

“Long distance for you at the exchange,”
the messenger.

speak
A

say
B

talk
C

crying
D

said
E

46.

I slipped

onto
A

above
B

into
C

out
D

under
E

my bathrobe and

reported to the master on the hall.

47.

“Miss,
A

“Think,
B

“Sir,
C

“They,
D

“Them,
E

long distance wants me at

48. the exchange,” I said. “All right,

here’s
A

here
B

he’s
C

there
D

his
E

49.

your

perm
A

permission
B

allow
C

rope
D

letting
E

slip.

50.

Get it signed when you are through. And Rawson—don’t

dawdling
A

loiter
B

delays
C

haste
D

slips
E

on your way back.”

Comprehension 2

Read this passage carefully and then answer the questions that follow.

At the Sign of The Prancing Pony

(An extract from Lord of the Rings by J.R.R. Tolkien)

Bree was the chief village of the Bree-land, a small inhabited region, like an island in the empty lands round about. Besides Bree itself, there was Staddle on the other side of the hill, Combe in a deep valley a little further eastward, and Archet on the edge of the Chetwood. Lying round Bree-hill and the villages was a small country of fields and tamed woodland only a few miles broad.

The Men of Bree were brown-haired, broad, and rather short, cheerful and independent: they belonged to nobody but themselves; but they were more friendly and familiar with Hobbits, Dwarves, Elves, and other inhabitants of the world about them than was (or is) usual with Big People. According to their own tales they were the original inhabitants and were the descendants of the first Men that ever wandered into the West of the middle-world. Few had survived the turmoils of the Elder Days; but when the Kings returned again over the Great Sea they had found the Bree-men still there, and they were still there now, when the memory of the old Kings had faded into the grass.

In those days no other Men had settled dwellings so far west, or within a hundred leagues of the Shire. But in the wild lands beyond Bree there were mysterious wanderers. The Bree-folk called them Rangers, and knew nothing of their origin. They were taller and darker than the Men of Bree and were believed to have strange powers of sight and hearing, and to understand the languages of beasts and birds. They roamed at will southwards, and eastwards even as far as the Misty Mountains; but they were now few and rarely seen. When they appeared they brought news from afar, and told strange forgotten tales which were eagerly listened to; but the Bree-folk did not make friends of them.

There were also many families of hobbits in the Bree-land and they claimed to be the oldest settlement of Hobbits in the world, one that was founded long before even the Brandywine was crossed and the Shire colonized. They lived mostly in Staddle though there were some in Bree itself, especially on the higher slopes of the hill,

above the houses of the Men. The Big Folk and the Little Folk (as they called one another) were on friendly terms, minding their own affairs in their own ways, but both rightly regarding themselves as necessary parts of the Bree-folk. Nowhere else in the world was this peculiar (but excellent) arrangement to be found.

35

The Bree-folk, Big and Little, did not themselves travel much; and the affairs of the four villages were their chief concern. Occasionally the Hobbits of Bree went as far as Buckland, or the Eastfarthing; but though their link land was not much further than a day's riding east of the Brandywine Bridge, the Hobbits of the Shire now seldom visited it. An occasional Bucklander or adventurous Took would come out to the Inn for a night or two, but even that was becoming less and less usual. The Shire-hobbits referred to those of Bree, and to any others that lived beyond the borders, as Outsiders, and took very little interest in them, considering them dull and uncouth.

40

There were probably many more Outsiders scattered about in the West of the World in those days than the people of the Shire imagined. Some, doubtless, were no better than tramps, ready to dig a hole in any bank and stay only as long as it suited them. But in the Bree-land, at any rate, the hobbits were decent and prosperous, and no more rustic than most of their distant relatives Inside. It was not yet forgotten that there had been a time when there was much coming and going between the Shire and Bree. There was Bree-blood in the Brandybucks by all accounts.

45

50

The village of Bree had some hundred stone houses of the Big Folk, mostly above the Road, nestling on the hillside with windows looking west. On that side, running in more than half a circle from the hill and back to it, there was a deep dike with a thick hedge on the inner side. Over this the Road crossed by a causeway; but where it pierced the hedge it was barred by a great gate. There was another gate in the southern corner where the Road ran out of the village. The gates were closed at nightfall; but just inside them were small lodges for the gatekeepers.

55

Please answer the questions. You may refer to the passage again if you need to. Choose the best answer and mark its letter.

51. What does the word 'dwellings' (line 16) mean?

- A. An argument or dispute
- B. A place where people live
- C. Farmland
- D. Legends
- E. Hedges

52. What is true about the men of Bree?

- A. Traveling and exploration were popular hobbies.
- B. They were taller with mysterious powers.
- C. They were called 'Little Folk'.
- D. They were thickset, with brown hair.
- E. They hated hobbits.

53. 'Archet', 'Combe' and 'Staddle' as mentioned in the passage are all examples of:

- A. Pronouns
- B. Proper nouns
- C. Verbs
- D. Adjectives
- E. Adverbs

54. What surrounded Bree-Land?

- A. The Misty Mountains
- B. Buckland and East Farthing
- C. Fields and woodland
- D. The Shire
- E. The lake and Brandywine Bridge

55. Have a look at the passage again. What is a similar word to 'prosperous' in (line 48)?

- A. Stubborn
- B. Obstinate
- C. Affluent
- D. Hostile
- E. Well-groomed

56. Which words in (line 36) are hyphenated?

- A. Bree and folk
- B. Travel and much
- C. Affairs and of
- D. Big and little
- E. Did and not

57. “An occasional Bucklander or adventurous Took would come out to the Inn for a night or two” What can we infer that Bucklander and Took are?

- A. Wild animals
- B. Rangers
- C. Family names
- D. Legends
- E. Types of Dwarfs

58. What did Shire Hobbits think of people from Bree-Land?

- A. Uninteresting outsiders
- B. Mysterious wanderers
- C. Exciting storytellers
- D. Like themselves
- E. Courageous warriors

59. “Especially’ (line 30) is an example of a:

- A. Conjunction
- B. Preposition
- C. Simile
- D. Adverb
- E. Common noun

60. Which of the following statements is true?

- A.** Rangers were shorter than The Hobbits.
- B.** Big Folk houses of Bree were made of wood & thatch.
- C.** The Bree-folk did not like legends and tales.
- D.** There used to be more involvement between Bree-Land and The Shire.
- E.** The Bree-folk did not permit Shire people into the village.

61. When were the gates of the village closed?

- A.** Always
- B.** Only at dawn
- C.** Never
- D.** Rarely
- E.** At nightfall

62. What word in (line 43) is a pronoun?

- A.** outsiders
- B.** them
- C.** very
- D.** any
- E.** as

63. Another word for turmoil is:

- A.** Peace
- B.** Storm
- C.** Chaos
- D.** Calm
- E.** Monarchy

64. 'There were probably many more Outsiders scattered about in the West of the World in those days than the people of the Shire imagined.'

What can we infer from this sentence?

- A.** The people from the Shire were fascinated by adventure.
- B.** Information from the Rangers was inaccurate.
- C.** The people of the Shire had lost interest and understanding about the world outside.
- D.** Shire people are open minded.
- E.** The people from the Shire yearned to know more.



**11+ Queen Elizabeth's School,
(QE Boys)**

**Practice Test 1
Mathematics**



This paper contains 70 marks

- a.** This paper consists of a 50-minute test.
- b.** Read the instructions carefully.
- c.** Do not begin the test or open the booklet until told to do so.
- d.** Work as quickly and as carefully as you can.



MATHEMATICS TEST

1. What is 8.1km kilometres in metres?

- A. 810
- B. 0.81
- C. 0.0081
- D. 81,000
- E. 8,100

2. Samantha is thinking of a number sequence.

1, 4, 9, 16, 25, 36...

What is the next number in the sequence?

- A. 48
- B. 49
- C. 56
- D. 69
- E. 51

3. Rosie is facing North. She turns 90° anti-clockwise.

What position is Rosie facing now?

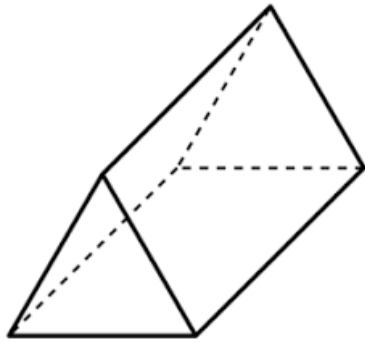
- A. North
- B. South-East
- C. South
- D. East
- E. West

4. David has a garden patio measuring 12.5m by 7m.

What is the area of his patio?

- A. 78.5 m^2
- B. 74 m^2
- C. 87.5 m^2
- D. 97.5 m^2
- E. 86.5 m^2

5. Look at the 3D shape below.



How many edges does this shape have?

- A. 8 edges B. 6 edges C. 5 edges D. 9 edges E. 12 edges**

6. **Work out $(78 \times 13) + 5$**

- A. 1019 B. 1014 C. 997 D. 1021 E. 1119**

7. **How many years will there be left once you take 7 centuries, 5 decades and 8 years from a millennium?**

- A. 29 B. 242 C. 268 D. 343 E. 342**

8. **How many 250 ml cups can be filled from 5 bottles that hold 2 litres each?**

- A. 15 B. 40 C. 60 D. 12 E. 20**

9. Which number out of the following is a prime number?

- A. 51 B. 81 C. 63 D. 55 E. 73**

10. Which number out of the following is a cube number and a square number?

- A. 64 B. 100 C. 1000 D. 144 E. 27**

11. Work out $(56 \times 17) + (44 \times 17)$

- A. 1468 B. 1700 C. 1800 D. 1901 E. 1787**

12. Rory's grandpa is sixty-two years old. Rory's mother is thirty-seven.

How much older than his mother is his grandpa?

- A. 25 years B. 35 years C. 45 years D. 20 years E. 10 years**

13. A bottle of water holds 600 ml. A jug holds 0.735 L.

How many litres in total can the two containers hold?

- A. 1.345 L B. 1.53 L C. 1.5 L D. 1.35 L E. 1.335 L**

- 14.** Hayley left her home at 10.40 am. She walked from her home to the shop. It took her 14 minutes to walk to the shop.

Hayley was at the shop for 10 minutes. Then Hayley walked from the shop to her friend's house. It took Hayley 22 minutes to walk to her friend's house.

What time did Hayley arrive at her friend's house?

- A.** 11:26 **B.** 12:34 **C.** 11:22 **D.** 11: 56 **E.** 11.12

- 15.** Work out the sum below:

$$-5 - (-12)$$

- A.** 13 **B.** 7 **C.** 5 **D.** 17 **E.** -7

- 16.** What is the number twelve and a half as a decimal number?

- A.** 12.2
B. 12.05
C. 12.5
D. $12\frac{3}{5}$
E. 12.8

- 17.** A spinner spins 567 times in three minutes.

How many times on average does it spin a minute?

- A.** 199 **B.** 289 **C.** 189 **D.** 289 **E.** 179

18. What is 2.79 correct to 1 decimal place?

- A. 2.89 B. 2.8 C. 2.7 D. 3 E. 2.78**

19. The recipe below shows a recipe to make 12 gingerbread men.

Gingerbread Men
Ingredients to make 12 :
250 g butter
2 teaspoons ground ginger
200 g brown sugar
300g flour
1 egg

Nikisha wants to make 30 gingerbread men.

Work out how much flour she needs.

- A. 750kg
B. 300g
C. 800g
D. 580g
E. 750g**

20. There are 3 teams of 5 and 4 teams of 7 in the competition.

How many players is that altogether?

- A. 43 B. 53 C. 27 D. 33 E. 93**

21. Amanda has a number sequence:

3, 5, 7, 9, 11

What is the n th term of this sequence?

- A. $6n$ B. $2n + 1$ C. $3n + 3$ D. $n + 1$ E. $3n - 1$**

22. Here is part of a train timetable.

London Marylebone	1410	1440	1510	1540
High Wycombe	1433	-	1534	-
Banbury	1506	1541	1608	1639
Leamington Spa	1524	1559	1626	1657
Warwick Parkway	1530	1606	1631	1705
Solihull	1544	1622	1644	1721
Birmingham Moor Street	1556	1632	1653	1735

A train leaves London Marylebone at 1440, what time does it arrive in Birmingham Moor Street?

- A. 16:06 B. 16:39 C. 16:32 D. 16:53 E. 17:35**

23. Look at the timetable again.

How many minutes should the 1410 train take to get from London Marylebone to Birmingham Moor Street?

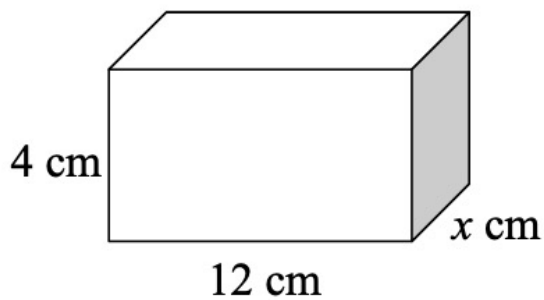
- A. 116 B. 96 C. 113 D. 103 E. 106**

- 24.** At the beach Katie shared out all the 47 lollies in her packet. After she had shared them out there were 5 left over.

How many girls were there if they got 7 lollies each?

- A.** 6 **B.** 8 **C.** 13 **D.** 14 **E.** 5

- 25.** The diagram shows a cuboid.

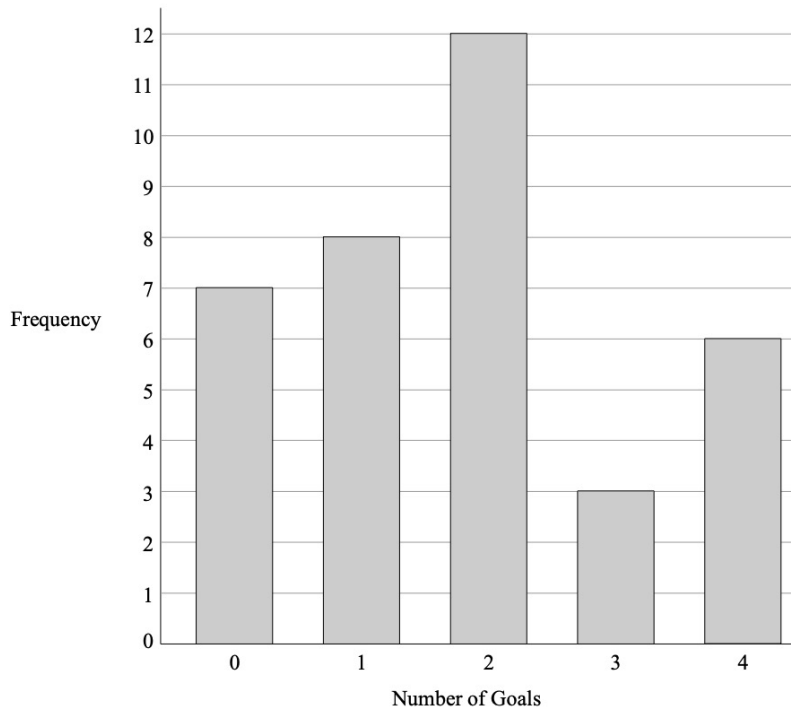


The volume of the cuboid is 120 cm^3 .

Calculate the value of x

- A.** 3 cm **B.** 2.5 cm **C.** 3.5 cm **D.** 4 cm **E.** 5 cm

26. Here is a bar chart showing the number of goals scored in a game by a football team in a season.



What is the modal number of goals scored?

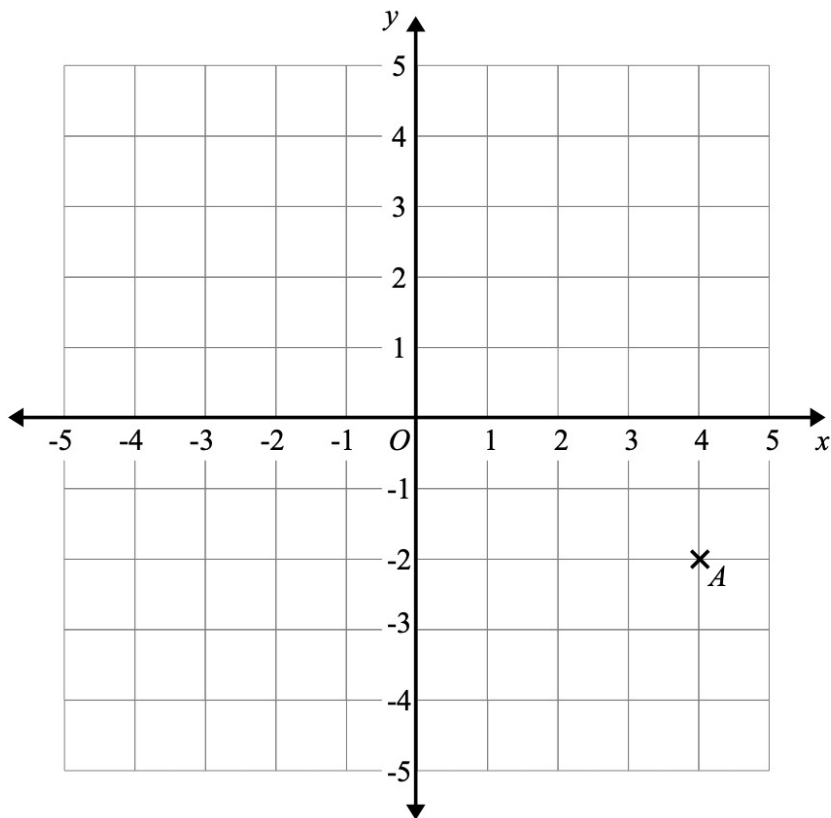
- A. 12 B. 2 C. 7 D. 4 E. 8**

27. Anna was given a pay increase equal to $\frac{1}{8}$ of her pay.

If she was paid £400 before, how much will she get now?

- A. £450 B. £490 C. £420 D. £470 E. £400**

28. What are the coordinates of point A?



- A.** (4 , 3) **B.** (4 , 5) **C.** (-2 , 4) **D.** (4 , -2) **E.** (4 , 2)

29. Work out $\frac{4}{9}$ of 72.

- A.** 33 **B.** 32 **C.** 57 **D.** 63 **E.** 45

30. Joy started clearing the garden at 1.40 p.m. and finished at 3.20 p.m.

How many hours and minutes did she take?

- A.** 1h 40m **B.** 2h 40m **C.** 3h 20m **D.** 2h 10m **E.** 2h 30m

31. The paper needed to cover Sam's kite was 110 cm by 70 cm.

How many square centimetres was this?

- A.** 660 **B.** 770 **C.** 880 **D.** 7700 **E.** 9700

32. Jon walked for $2\frac{1}{2}$ hours at 4 kilometres per hour.

How far did he walk?

- A.** 10 km **B.** 13 km **C.** 15 km **D.** 16 km **E.** 19 km

33. Simplify $8g + 6h - 3g + h$

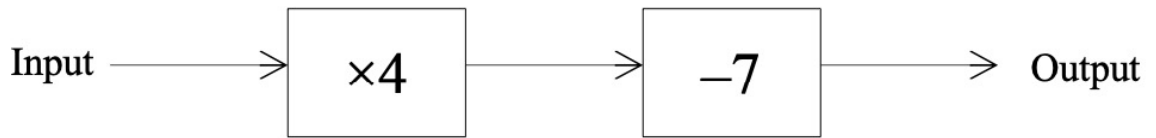
- A.** $11g + 7h$ **B.** $5g - 5h$ **C.** $5g + 7h$ **D.** $5g + 8h$ **E.** $8g - 6h$

34. A handbag costs £70.00. In the sales, a discount of 45% is applied.

What is the new price of the bag?

- A.** £38.50 **B.** £42.00 **C.** £36.50 **D.** £31.50 **E.** £46.00

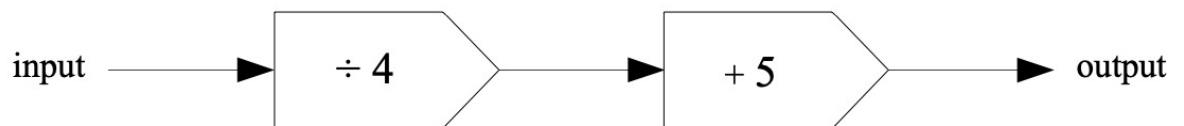
35. Here is a number machine.



What is the output when the input is 6?

- A. 18 B. 24 C. 17 D. 25 E. 35

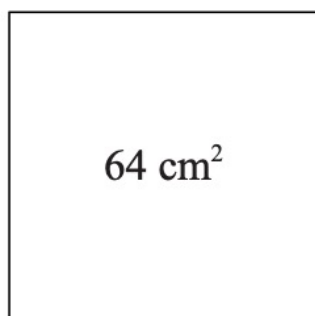
36. Here is another number machine.



Find the input when the output is 13

- A. 32 B. 2 C. 6 D. 8.25 E. 4

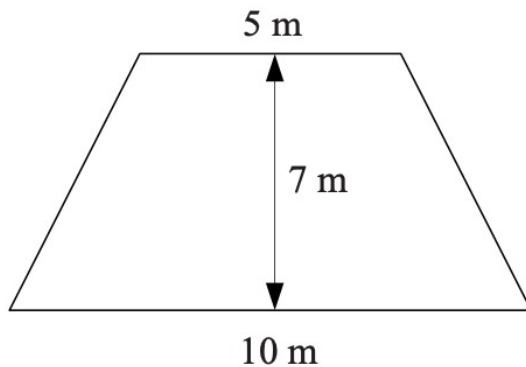
37. A square has an area of 64 cm^2 .



Find the perimeter of the square.

- A. 8 cm B. 50 cm C. 40 cm D. 32 cm E. 48 cm

38. The diagram shows a garden is in the shape of a trapezium.



Find the area of the garden.

- A.** 35 cm² **B.** 52.5 m² **C.** 40.8 cm² **D.** 58 cm² **E.** 50.5 cm²

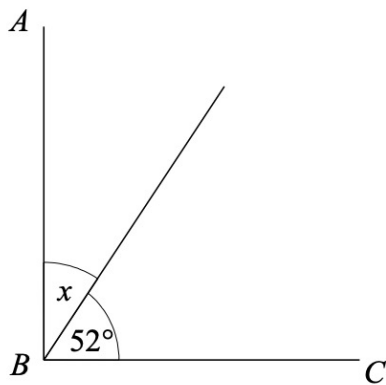
39. I am twice as old as my youngest sister but half as old as my cousin.

If my sister is 6 years old, how old is my cousin?

- A.** 36 years **B.** 13 years **C.** 20 years **D.** 22 years **E.** 24 years

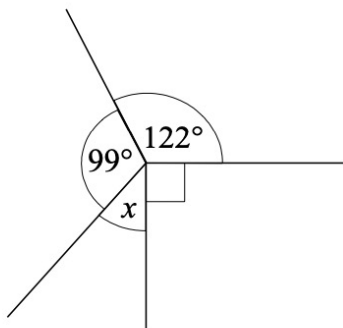
40. AB and BC are perpendicular lines.

Work out the size of the angle marked x .



- A.** 38° **B.** 48° **C.** 58° **D.** 28° **E.** 158°

41. Work out the size of the angle marked x .



- A.** 37° **B.** 59° **C.** 139° **D.** 68° **E.** 49°

42. A rule to calculate a taxi fare is below:

£2.50 plus £2.20 per mile

Work how much a 10-mile taxi journey would cost?

- A.** £23.50 **B.** £22.00 **C.** £24.50 **D.** £25.00 **E.** £26.40

43. A shop sells 15 souvenirs for a total of £495.

If the profit made from this is £120, how much did each souvenir cost the shop in the first place?

- A.** £20 **B.** £25 **C.** £35 **D.** £40 **E.** £45

44. The shop sold 5 dozen pumpkins at 90 pence each.

How much did the pumpkins sell for altogether?

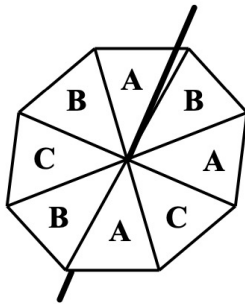
- A.** £5.40 **B.** £5.60 **C.** £60.40 **D.** £6.20 **E.** £54.00

45. A small radio was reduced by 10% from £20.

What would you pay for it now?

- A.** £18.00 **B.** £22.00 **C.** £19.00 **D.** £18.50 **E.** £16.80

46. James spins a fair 8-sided spinner.



What is the probability that the spinner doesn't land on A?

- A.** $\frac{5}{8}$ **B.** $\frac{3}{6}$ **C.** $\frac{3}{8}$ **D.** $\frac{1}{4}$ **E.** $\frac{2}{3}$

47. Here is a list of 5 numbers.

4 6 9 10 11

Work out the range:

- A.** 7 **B.** 9 **C.** 5 **D.** 6 **E.** 8

48. Here are six cards. Each card has a number on it.

19	7	11	8	15	15
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Work out the mean of the numbers on the cards.

- A.** 11 **B.** 13.5 **C.** 12.5 **D.** 14.5 **E.** 10.5

49. Harry has 50 sweets. He gives $\frac{2}{5}$ of the sweets to Sandra. He gives 3 of the sweets to Jamie. Harry keeps the rest of the sweets for himself.

Work out how many sweets Harry keeps.

- A.** 25 **B.** 27 **C.** 45 **D.** 30 **E.** 5

50. Work out $10 \times (3 + 5)$

- A.** 80 **B.** 35 **C.** 18 **D.** 45 **E.** 17

51. Ben went on holiday to Australia. He changed £350 into Australian dollars (\$). The exchange rate was £1 = \$2.1

Work out how many Australian dollars Ben should have received.

- A.** \$735 **B.** \$825 **C.** \$945 **D.** \$795 **E.** \$755

- 52.** Drew has y number of biscuits. He shares them evenly amongst himself and his friends and each friend received more than one.

What is the amount of biscuits (y) that Drew could have started with?

- A. 23 B. 17 C. 11 D. 24 E. 67**

- 53.** Mattea has a ratio of hens to roosters of 12:1. There are 36 hens.

How many hens and roosters altogether?

- A. 3 B. 39 C. 12 D. 13 E. 16**

- 54.** Work out the answer to the sum below:

$$(-7 \times -8) - 60$$

- A. -116 B. 112 C. -14 D. -4 E. - 8**

- 55.** Work out the answer to the sum below:

$$9 - (-8)$$

- A. 17 B. 16 C. 1 D. -1 E. - 2**

56. Toby is a decorator. He had painted 42 metres squared on the wall when his boss said, "You've only done 30% of it."

What was the total area of the wall?

- A. 140m² B. 90 m² C. 4 m² D. 150m² E. 170 m²

57. At the local football match, 7 out of every 8 people at the game were wearing black.

What percentage was that?

- A. 86% B. 91.5% C. 69% D. 66% E. 87.5%

58. Round 24.79 to 2 significant figures

- A. 24.70 B. 27.80 C. 27.5 D. 24 E. 25

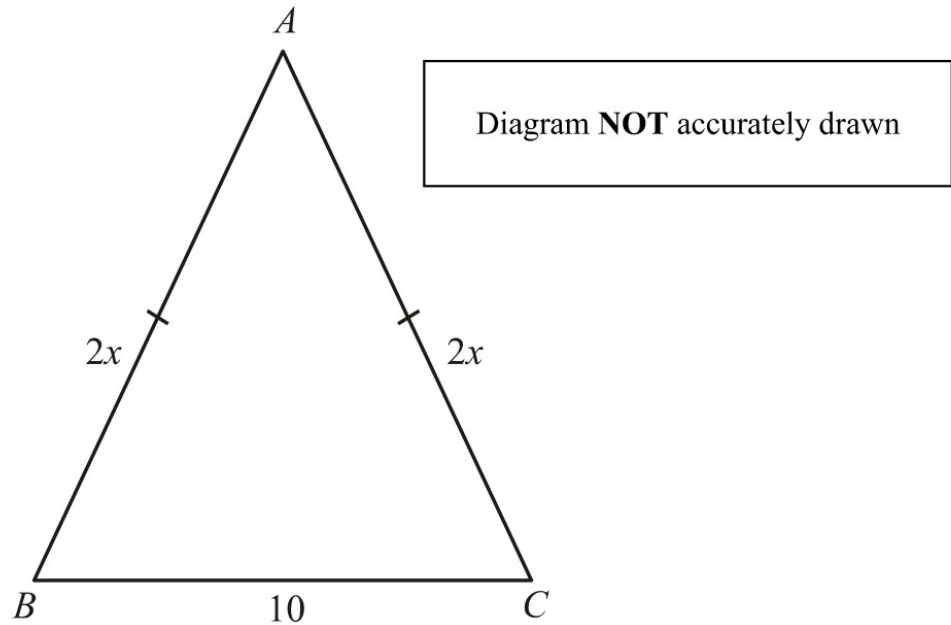
59. Arya is planning a holiday for 4 people for 7 days. Here are the costs for the holiday for each person.

Travel:	£150
Hotel:	£50 for each day
Spending money:	£250

Work out the total cost of the holiday for 4 people for 7 days.

- A. £4,700 B. £2,650 C. £3,000 D. £1,800 E. £2,500

60. Look at the triangle below.



What is the expression in terms of x that describes the perimeter of the triangle?

- A. $2x + 10$ B. $10x - 4$ C. $4x + 10$ D. $6x - 10$ E. $10 - 4x$

61. Sofia starts with 1000 and subtracts 11 each time.

The first four numbers in her sequence are: 1000, 989, 978, 967.

If she continues in this way, what will be the first negative number in her sequence?

- A. -1 B. -3 C. -11 D. -6 E. -10

62. The same number is missing from all three boxes.

$$\boxed{} \times \boxed{} \times \boxed{} = 512$$

What is the same missing number in each box?

- A. 6 B. 12 C. 8 D. 6 E. 7**

63. The fee (£ f) made by a chef for arranging a formal dinner for n people is given by the formula below:

$$f = 12n + 40$$

What is the charge, in £, for a dinner of 20 people?

- A. £470 B. £265 C. £240 D. £520 E. £280**

64. What is the average cost per person for dinner?

- A. £21 B. £22 C. £28 D. £14 E. £16**

65. Work out the answer to this calculation.

$$67.8 \times 0.1$$

- A. 67.08 B. 6.78 C. 678 D. 0.678 E. 0.0678**

- 66.** Mrs. Garnett, a science teacher, takes 8 minutes to mark each pupil's homework. She has a class of 31.

How many minutes will she save if 7 of the class are absent?

- A.** 66 **B.** 56 **C.** 44 **D.** 39 **E.** 83

- 67.** Frank does swimming in the week before he does music. He has swimming lessons the day after he does ballet.

He has his Maths lesson after he has ballet but before music. All of these are on different days, one after the other. Music is on a Thursday.

What day is ballet on?

- A.** Monday
B. Tuesday
C. Friday
D. Wednesday
E. Saturday

- 68.** A cookbook gives the time to cook a duck as "25 minutes per kilogram plus an additional 30 minutes"

How long will it take to cook at 4kg duck?

- A.** 1 hour 40 minutes
B. 2 hours 10 minutes
C. 1 hour 30 minutes
D. 2 hours
E. 2 hours 20 minutes

- 69.** Grandma spends one quarter of her weekly pension on a Thursday Bingo evening, and one third of what remains on a Sunday lunch.

What fraction of her weekend pension is left for her to spend during the rest of the week?

- A.** $\frac{1}{3}$ **B.** $\frac{1}{2}$ **C.** $\frac{2}{3}$ **D.** $\frac{3}{7}$ **E.** $\frac{4}{9}$

- 70.** There are 200 sheets of paper in a pad. The pad is 1.6cm thick.

Find the thickness of one sheet.

- A.** 0.8cm **B.** 8cm **C.** 0.8mm **D.** 0.08mm **E.** 0.8m

QE English Answers

1. A
2. E
3. B
4. C
5. A
6. A
7. E
8. D
9. D
10. C
11. B
12. C
13. D
14. A
15. C
16. E
17. B

18. A
19. B
20. A
21. E
22. D
23. D
24. A
25. D
26. N
27. D
28. C
29. N
30. C
31. C
32. B
33. A

34. D
35. B
36. B
37. C
38. D
39. C
40. C
41. C
42. D
43. A
44. B
45. E
46. C
47. C
48. A
49. B
50. B

51. B
52. D
53. B
54. C
55. C
56. A
57. C
58. A
59. D
60. D
61. E
62. B
63. C
64. C

Maths Answers

	21.B	42.C	
1. E	22.C	43.B	61. A
2. B	23.E	44.E	62. C
3. E	24.A	45.A	63. E
4. C	25.B	46.A	64. D
5. D	26.B	47.A	65. B
6. A	27.A	48.C	66. B
7. B	28.D	49.B	67. A
8. B	29.B	50.A	68. B
9. E	30.A	51.A	69. B
10.A	31.D	52.D	70. D
11.B	32.A	53.B	
12.A	33.C	54.D	
13.E	34.A	55. A	
14.A	35.C	56.A	
15.B	36.A	57.E	
16.C	37.D	58.E	
17.C	38.B	59.C	
18.B	39.E	60.C	
19.E	40.A		
20.A	41.E		