STIRLING TUITION SEAG Entrance Assessment



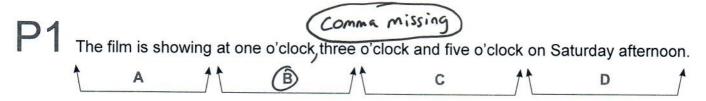
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Practice Paper 10

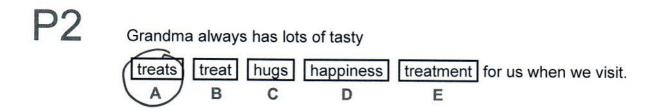
(Cut Answer Sheet from Back Page)

English – Practice Test

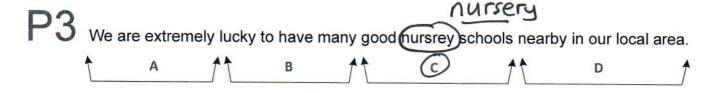
In this question there is either **one** punctuation mistake or **no** punctuation mistake. Find the group of words with the mistake in it and mark its letter on your answer sheet. **If there is no mistake, mark N**.



In this question you have to choose the **best** word to complete the sentence, so that it makes sense and is written in correct English. Choose the **best** answer and mark its letter on your answer sheet.



In this question there is either **one** spelling mistake or **no** spelling mistake. Find the group of words with the mistake in it and mark its letter on your answer sheet. **If there is no mistake, mark N.**



Extract from: The Selfish Giant by Oscar Wilde

He saw a most wonderful sight. Through a little hate in the wall the children had crept in, and they were sitting in the branches of the trees. In every tree that he could see there was a little child. And the trees were so glad to have the children back again that they had covered themselves with blossoms, and were waving their arms gently above the children's heads. The birds were flying about and twittering with delight, and the flowers were looking up through the green grass and laughing.

Answer this question. Choose **one** answer from the options below and mark its letter on your answer sheet.

P4

Which of the following is true about the children?

A They climbed over the garden wall.

B. They are covered in blossoms.

C They are sitting in the trees.

They are laughing.

E They are waving their arms gently.

For this question, you have to write your answer in the box provided on your answer sheet (box P5).

P5

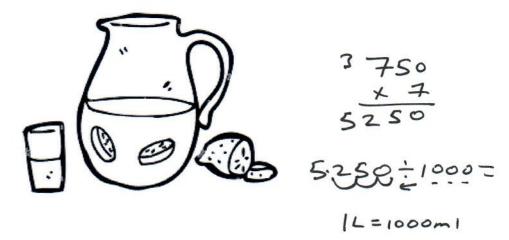
Which one word from the passage means the same as "amazing"?



Vonderfu

Maths - Practice Test

P6



Max is going to a party. The host has asked everyone to bring <u>750ml</u> of lemonade with them to drink. There is going to be <u>seven</u> people in total at the party.

How many litres of lemonade will be at the party in total?

A 750ml



C 0.75L

D 7L

E 5250L

P7

Toby plays rugby for his local under 11's and is the kicker. Over six games he records the number of points he scores in each game. Below are his scores.

9

12

14

(8)

13



What is the range of his scores?

A 25

B 7

C 8

D 16

E 12

A 13

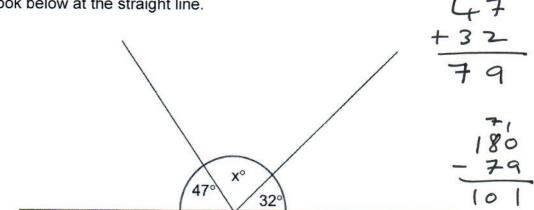
B 313

C 52

D 39

For these questions you have to write your answers in the boxes provided on your answer sheet (box P9 and P10). The units of measurement have been given.

Look below at the straight line.



What is the size of angle x?



Look at the sequence below:



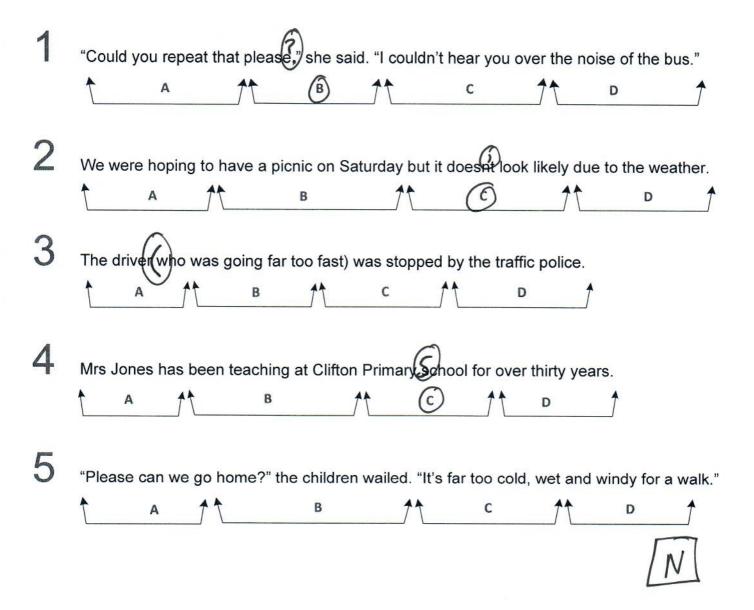
What shape is going to be next in the sequence?



English – Main Test

In this exercise there are some mistakes with **punctuation** or use of **capital letters**. On each numbered line there is either **one** mistake or **no** mistake. Find the group of words with the mistake in it and **mark its letter on your answer sheet**. **If there is no mistake, mark N.**

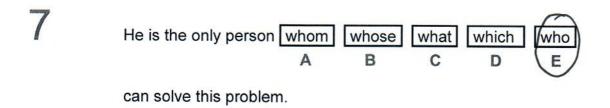
Punctuation Exercise

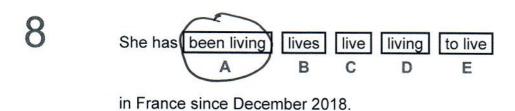


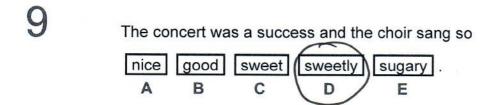
In this exercise you have to choose the **best** word, or **group of words**, to complete each numbered line so that the passage makes sense and is written in correct English. Choose the best answer and **mark its letter on your answer sheet**.

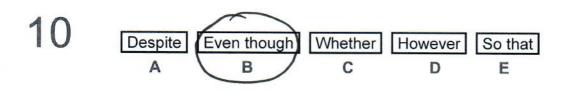
Grammar Exercise







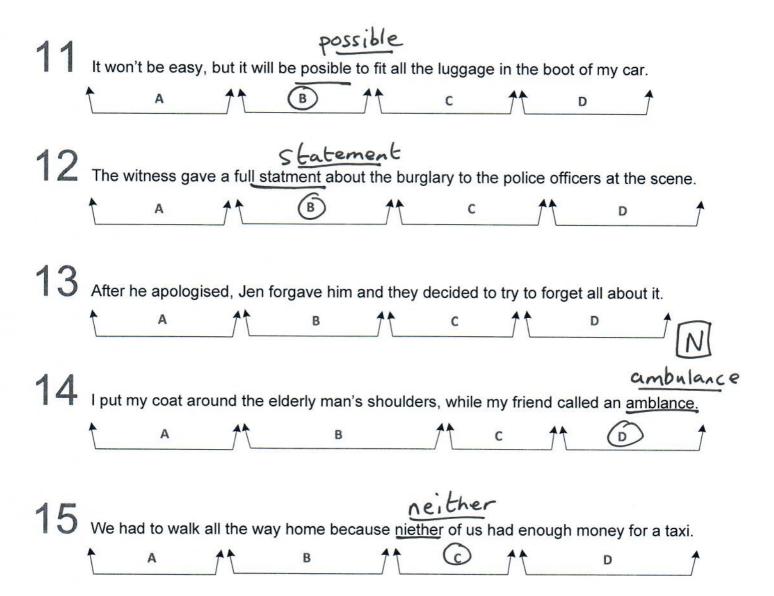




they took an umbrella, they still got soaked in the rain.

In this exercise there are some **spelling** mistakes. On each numbered line there is either **one** mistake or **no** mistake. Find the group of words with the mistake in it and **mark its letter on your answer sheet**. **If there is no mistake, mark N.**

Spelling Exercise



Read the whole passage carefully, then answer the questions that follow.

Extract from: The Selfish Giant by Oscar Wilde

1. Every afternoon, as they were coming from school, the children used to go and play in

the Giant's garden. It was a large lovely garden, with soft green grass. Here and there over

the grass stood beautiful flowers like stars, and there were twelve peach-trees that in the

4. spring-time broke out into delicate blossoms of pink and pearl, and in the autumn bore

5. rich fruit. The birds sat on the trees and sang so sweetly that the children used to stop

6. their games in order to isten to them. "How happy we are here!" they cried to each other.

- 7. One day the Giant came back. He had been to visit his friend the Cornish ogre, and had
- 8. stayed with him for seven years. After the seven years were over he had said all that he
- 9. had to say, for his conversation was limited, and he determined to return to his own
- 10. castle. When he arrived he saw the children playing in the garden.
- 11. "What are you doing here?" he cried in a very gruff voice, and the children ran away.
- 12. "My own garden is my own garden," said the Giant; "any one can understand that, and I
- 13. will allow nobody to play in it but myself."
- 14. So he built a high wall all round it, and put up a notice-board.
- 15. TRESPASSERS WILL BE PROSECUTED
- 16. He was a very selfish Giant.
- 17. The poor children had now nowhere to play. They tried to play on the road, but the road
- 18. was very dusty and full of hard stones, and they did not like it. They used to wander
- 19. round the high wall when their lessons were over, and talk about the beautiful garden
- 20. inside. "How happy we were there," they said to each other.
- 21. Then the Spring came, and all over the country there were little blossoms and little birds.
- Only in the garden of the Selfish Giant it was still winter. The birds did not care to sing in
- 23. it as there were no children and the trees forgot to blossom. Once a beautiful flower put its
- 24. head out from the grass, but when it saw the notice-board it was so sorry for the
- 25. children that it slipped back into the ground again, and went off to sleep. The only people

Page 9

Please go onto the next page >>>

(28)

- who were pleased were the Snow and the Frost. "Spring has forgotten this garden," they cried, "so we will live here all the year round." The Snow covered up the grass with her
- 28. great white cloak, and the Frost painted all the trees silver. Then they invited the North
- 29. Wind to stay with them, and he came. He was wrapped in furs, and he roared all day
- 30. about the garden, and blew the chimney-pots down. "This is a delightful spot," he said,
- 31. "we must ask the Hail on a visit." So the Hail came. Every day for three hours he rattled
- 32. on the roof of the castle till he broke most of the slates, and then he ran round and round
- 33. the garden as fast as he could go. He was dressed in grey, and his breath was like ice.
- 34. "I cannot understand why the Spring is so late in coming," said the Selfish Giant, as he
- 35. sat at the window and looked out at his cold white garden; "I hope there will be a change
- 36. in the weather."
- 37. But the Spring never came, nor the Summer. The Autumn gave golden fruit to every
- 38. garden, but to the Giant's garden she gave none.
- 39. "He is too selfish," she said. So it was always Winter there, and the North Wind) and the
- 40. (Hail, and the Frost) and the Snow danced about through the trees.

Please answer these questions. (Look at the passage again if you need to.) You should choose the **best** answer and mark its letter on your answer sheet.

Look at lines 1 – 5. Which of these statements is true about the garden?

- A It is the children's garden.
- B It is a quiet garden.
- C The garden is in a park.
- D There are apple trees in the garden
- E It is large and beautiful.
- "he had said all that he had to say, for his conversation was limited"
 (lines 8 9) What does this suggest about the Giant?
 - A He loves to talk.
 - B He doesn't have much to say.
 - C He doesn't like the ogre.
 - D He misses his home.
 - E He can't speak.
- Read lines 17 20. What does this suggest about the children?
 - A They don't go to school.
 - B They like playing on the road.
 - C They like to climb the all.
 - D They are happy that school is finished.
 - E They miss playing in the garden.
- Look at lines 21 25. What does this suggest about the garden?
 - A The garden is dead.
 - B The garden is forgetful.
 - C The garden hates Spring.
 - D Spring won't come to the garden because the children aren't there.
 - E The garden is glad that the children aren't there.

20	"The only people who were pleased were the Snow and the Frost" (lines 25 – 26) Why were the Snow and the Frost pleased?
	A They like the Giant. They don't like the children They can stay in the garden all year. They don't like the Spring.

21 "and the snow danced through the trees." (line 40)
Which literary technique is being used in this line?

E They don't like the flowers.

- A personification
 B alliteration
 C onomatopoeia
 D metaphor
 E simile
- 22 If there was a moral to this story, what would it be?
 - A There will be consequences if you go into other people's gardens.
 - B There will be consequences if you go into a giant's garden.
 - There will be consequences if you are selfish.
 - D Never try to predict the weather.
 - E If you build a wall, then your garden will die.

For these questions you have to **write your answers**, neatly, in the boxes provided on your answer sheet.

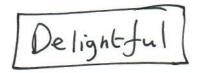
How many different types of weather are mentioned in the story?

4 - Snow, Frost, wind, hail

What kind of fruit trees grow in the Giant's garden?

[Peach trees]

Which word in line 30 means the same as "lovely"?



27

Which part of speech is "change" as it appears in the passage? (line 35)



28

Which one part of speech are the following as they appear in the passage?

in (line 1) over (line 2) on (line 5) to (line 6)



Maths - Main Test

29

Derek is in a shop and sees that it costs £1.40 for 100 grams of cheese at the deli counter. He needs to buy 375 grams of cheese.

11.40

How much is this going to cost Derek?

B £3.75

C £2.75

D £1.40

E £4.20

$$4.20 = 3009$$

 $+1.05 = 759$
 $5.25 = 3759$

30

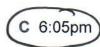


As Jacky is running down the street to catch the bus, she sees it drive off in the distance. The time now is 15:07. She will have to wait another 2 hours and 58 minutes till the next bus comes.

What time will the next bus arrive?

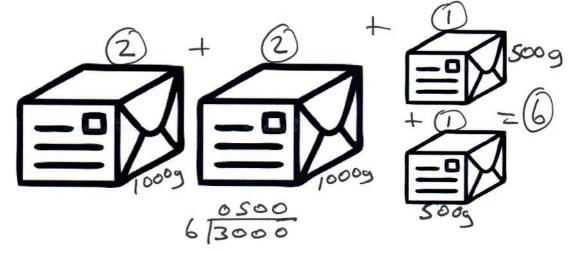
A 12:09pm

B 3:07pm



D 4:07pm

E 5:58pm



Sam is posting four parcels. There are two big parcels and two small parcels. The big parcels weigh twice as much as the small parcels. In total the parcels weigh 3kg.

What is the weight in grams of one of the small parcels?

1 kg = 1000g 3 kg = 3000g

A 1Kg

B 750g

C 1.5kg



E 1000g

32

Look at the equation below:

A x 15 = 165

What is the value of A?

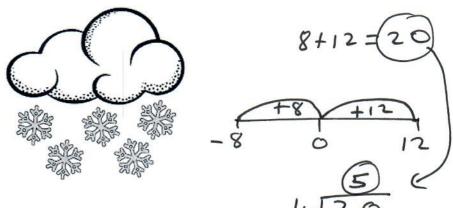
A 5

B 2475

C 15

D 1650





It is Monday in Newtownards and the temperature is 12°C.

The weather forecast explains that it will be getting colder over the next 4 days.

The temperature drops to -8°C on Friday.

By how many degrees on average did the temperature drop each day over the four days?

A 20°C



C 4°C

D 8°C

E 48°C

In normal circumstances 686 pupils attend Barney's school. There is a snow blizzard and $\frac{3}{7}$ of the pupils cannot make it in due to the snow.

How many pupils make it into school? $\frac{7}{7} - \frac{3}{7} = \frac{4}{7}$ of 686

A 98



C 437

D 294

E 686

76856

Michael and his family are flying to Portugal on a holiday. Their flight takes off at 2:30am. They need to wake up at 12:15am to give them enough time to get ready and get to the airport.

What time must they wake up in 24-hour time?



B 02:15

C 02:30

D 12:15

E 14:30

What number needs to be inserted below to make the statement correct?

18 is
$$\frac{20}{65}$$
 % of $\frac{13}{13}$ = $\frac{1}{5}$ = $\frac{2}{10}$ = $\frac{20}{10}$.

A 5

B 13

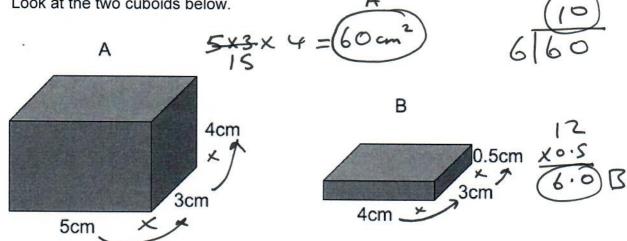
C 25

D 4

E 20

37

Look at the two cuboids below.



The volume of cuboid A is 10 times the volume of cuboid B.

What number needs to be inserted in the rectangle above to make the statement correct?

A 6

B 54

C 60

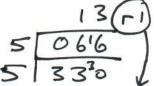


E 24

38

Terry is getting a house extension. He needs 330 metres of wood to make the roof. He goes to the timber yard. They sell wood in 25 metre lengths.

How many lengths will Terry need to purchase?



A 12

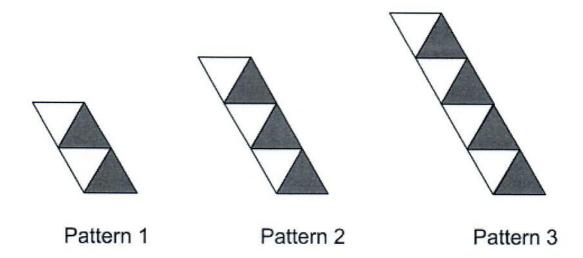
B 15



D 16

E 13

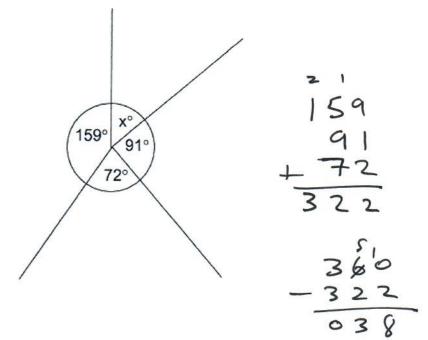
He needs one more Full length



How many more white tiles will there be in pattern 10 than in pattern 4?

A 12
B 7
C 10 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10D 8
E 6 11-5=6

Look at the circle below.



What is the size of angle x?

A 21°

B 163°

C 87°

E 19°

4'

Jen goes to the phone shop. She gets a contract which works out her monthly bill by using the following formula:

Monthly bill = 12p xnumber of minutes used x£3.20

In month 1 she is charged £8.24 for her phone bill.

Using the above formula, what is the number of minutes she used in month 1?

B 70

C 12

D 63

E 24



$$3 \times 60 = 180$$
 $+.40$
 $= 220$

TON: of 550 = 55

1116 -22 198 -1806

Decrease

Sam is a talented 800m runner. His times have improved by 10% each year. In 2022 his time was 3 minutes 40 seconds.

3m 18sec

What is his time for the 800m in 2023?

A 4m 2s

B 3m 30s



D 4m 24s

E 3m 58s

43

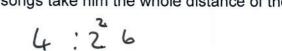
Sam is going on a run. His three favourite songs take him the whole distance of the

run. Below is the length of each song.

Song 1: 4 minutes 26 seconds

Song 2: 5 minutes 35 seconds

Song 3: 7 minutes 09 seconds



7:09

16: 70

What is the total length of time the three songs play while Sam is running?

A 19m 36s



C 16m 45s

D 18m 12s

E 16m 70s

+1=13

Gemma is having a party. She is inviting 12 people. She has budgeted £6.30 for each person for food. She has £100 to spend at the shops.

How much money will she have left over when she buys all the food for everyone coming to the party, including herself?

45



Barney the dog goes for walks every week with his owner. In week 1 Barney goes for 4 walks in total. In week 2 Barney goes for double the walks he did in week 1. In week 3 Barney goes for ½ of the walks he did in week 2.

How many walks did Barney go for in total over the 3 weeks?

m=1000mm

1.630x 1000 = 1630 mm

Jill measures 1.63m in height. Her son Jack is 140mm smaller than her.

What is Jack's height in millimetres?

1630 -140 1490mm



B 1.49

C 14900

D 14.9

E 149

47

Reece is thinking of a number. He divides it by 3, then he multiplies it by 6, finally he

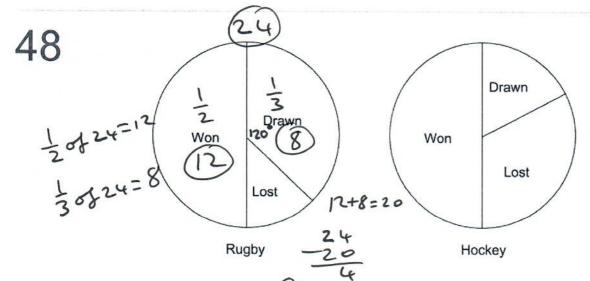
What number did Reece start with?

 $\frac{-13}{42}$

B 2



D 84 E 37



The rugby team played 24 games and the hockey team played 21 games.

How many games did the rugby team lose?

A 3



C 7

D 5

E 8

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What number is exactly halfway between 67 and 126?

A 29.5

B 59

C 87.5

D 66

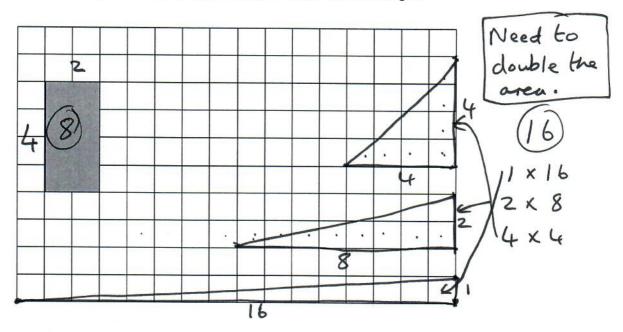


John does six practice tests over the Easter holidays. Below are the scores he achieved for tests 1-5.

What was his score for test 6 if his mean (average) score for the six tests was 19?

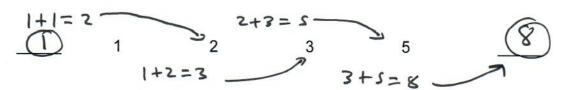
For questions 51–56, you have to **write your answers** in the boxes provided on your answer sheet. The units of measurement have been given.

51 Look at the grid below. Within the grid there is a rectangle.



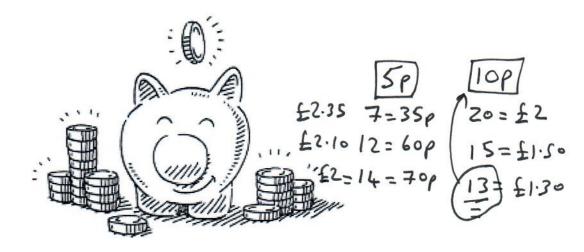
What would the height and base of a triangle need to be so it has the same area as the rectangle above?

52 Look at the sequence below.



What is the first and last numbers of the sequence?

I and 8



Peggy has £2 in her piggy bank in 5p coins and 10p coins. Altogether she has 27 coins in her piggy bank.

How many 10p coins does she have in her piggy bank?



54

Nicola is heading to France to see her pen pal. She needs to weigh her luggage as she only has a 10kg allowance for the flight. Her clothes and suitcase weigh 9.67kg and the present she has bought weighs 326g. |kq = 1900q|

Is she under the weight allowance? (Yes)or No)

AND by what weight in grams is she over or under the 10kg weight allowance?



Sarah thinks of a multiple of 12. Its digits add to make 15 and it is between 50 and 140.

What number is Sarah thinking of?



Look at the function machine below:



If 7 goes in the function machine above and 16 comes out what does the missing function need to be?

$$-\frac{28}{12}$$