11+ Kent Style English and Mathematics Paper 4

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Instructions:
- You have 60 minutes to answer 50 questions.
- Read the instruction given at the beginning of each section before answering the questions.
- Put a line through the correct answer in your answer booklet by choosing one of the five options for each question. Each question is worth 1 mark.
- There are 2 sections in this paper:
    1. English — 5-minute practice section + 25-minute test.
    2. Mathematics — 5-minute practice section + 25-minute test.
- The English test is first, followed by the mathematics test.
- There are 25 English questions and 25 mathematics questions.

Example:

The **Correct** way to mark your answers in your answer booklet:

Correct

The **Incorrect** way to mark your answers in your answer booklet:

Incorrect

Use a pencil to mark your answers. **Rub out any errors**, do not cross them out.
Please take care when marking your answers in your answer booklet.
Make sure you mark your answer **on the line that matches the question number and mark only one answer per line.**

Information about the test papers:
- The page number is in the top right corner of each page.
- The title of each section is provided in the box at the top of each page.

Instructions at the bottom of the pages inform you:
- If you can continue to the next page
- When you should wait for instructions before you turn the page
- When you have reached the end of a section.

The following symbols and phrases are used on the test papers.

Go to the next page.

Do not turn the page until told to do so.

Stop working and await instructions.

English Practice Section (5 minutes)

This practice section shows you examples of the types of questions you will encounter in the following English test.

Comprehension Example

Carefully read through the passage of writing and answer the questions that follow. Mark your chosen answer for each question in your answering booklet. You will have five options (A - E).

Vikings

The Vikings were a Scandinavian people from the North of Europe. They are famous for being great sailors and warriors. From the 8th to the 11th centuries, they travelled across Europe in their long ships, attacking and then settling in areas across the continent.

1

Example Question i

i) How did the Vikings travel across Europe?

- A.   They walked
- B.   In long boats
- C.   In canoes
- D.   They ran
- E.   By car

The answer here is **B.** The Vikings travelled across Europe in "their long ships" which are the same as long boats.

Now try the following question. Remember to answer in your answering booklet.

Practice Question i

i) Where did the Vikings originate from?

- A.   Southern Europe
- B.   The continent
- C.   The sea
- D.   The 11th century
- E.   Northern Europe

Missing Word Example

Choose the best word to complete the sentence so that it makes sense and is written in correct English.

Mark your chosen answer for each question in your answering booklet. You will have five options (A - E).

Example Question ii

ii) Mars is the fourth planet from the sun and the second-smallest planet in _____ solar system.

A	B	C	D	E
your	our	hour	owe	a

The answer here is **B** because 'our' is the word that makes the most sense in this sentence. Mars is a part of 'our' solar system, so it is unlikely to be 'your'. 'Owe' and 'hour' do not make sense in this sentence and finally, 'a' suggests that Mars can be found in all solar systems, which is not true.

Now try the following question. Remember to answer in your answering booklet.

Practice Question ii

ii) In English, Mars is named _____ the Roman god of war, and is often referred to as the "Red Planet".

A	B	C	D	E
before	because	if	by	after

Spelling/Punctuation Example

In each sentence, there might be a spelling or punctuation mistake.
Choose the letter which corresponds to the part of the sentence with the mistake (A-D).
If there's no mistake, mark 'N'.

Example Question iii

In the following sentence, there may be a spelling mistake:

iii) I triped and fell into the mud when I was walking home from school today.

A	B	C	D

The answer here is **A** as 'tripped' has been spelled incorrectly as 'triped'.

Now try the following question. Remember to answer in your answering booklet.

Practice Question iii

In the following sentence, there may be a punctuation mistake:

iii) "Why do you keep asking so many questions" he asked, obviously annoyed.

A	B	C	D

END OF ENGLISH PRACTICE SECTION

- THE ENGLISH TEST BEGINS ON THE NEXT PAGE.

- YOU HAVE 25 MINUTES TO COMPLETE THE ENGLISH TEST.

- THERE ARE 25 QUESTIONS IN THIS SECTION.

- YOUR TIME WILL START WHEN YOU TURN OVER THE PAGE.

DO NOT TURN OVER THE PAGE UNTIL YOU ARE ASKED TO DO SO.

English (25 minutes)

Comprehension Instructions

Carefully read through the passage of writing, then answer the questions that follow.

Mark your chosen answer for each question in your answering booklet.

You will have five options (A - E) for each question.

Little House In the Big Woods

by Laura Ingalls Wilder

Once upon a time, sixty years ago, a little girl lived in the Big Woods of Wisconsin, in a little, grey house made of logs. The great, dark trees of the Big Woods stood all around the house, and beyond them were other trees, and beyond them were more trees. As far as a man could go to the north in a day, or a week, or a whole month, there was nothing but woods. There were no houses. There were no roads. There were no people. There were **5** only trees and the wild animals who had their homes among them.

Wolves lived in the Big Woods, and bears, and huge wild cats. Muskrats and mink and otter lived by the streams. Foxes had dens in the hills and deer roamed everywhere. To the east of the little log house, and to the west, there were miles upon miles of trees, and only a few little log houses scattered far apart in the edge of the Big Woods. **10**

So far as the little girl could see, there was only the one little house where she lived with her Father and Mother, her sister Mary and baby sister Carrie. A wagon track ran before the house, turning and twisting out of sight in the woods where the wild animals lived, but the little girl did not know where it went, nor what might be at the end of it.

The little girl was named Laura and she called her father, Pa, and her mother, Ma. In those **15** days and in that place, children did not say Father and Mother, nor Mamma and Papa, as they do now.

At night, when Laura lay awake in the trundle bed, she listened and could not hear anything at all but the sound of the trees whispering together. Sometimes, far away in the night, a wolf howled. Then he came nearer, and howled again. It was a scary sound. Laura **20**

knew that wolves would eat little girls. But she was safe inside the solid, log walls. Her father's gun hung over the door and good old Jack, the brindle bulldog, lay on guard before it. Her father would say,

"Go to sleep, Laura. Jack won't let the wolves in." So Laura snuggled under the covers of the trundle bed, close beside Mary, and went to sleep.   **25**

One night, her father picked her up out of bed and carried her to the window so that she might see the wolves. There were two of them sitting in front of the house. They looked like shaggy dogs. They pointed their noses at the big, bright moon, and howled.

Jack paced up and down before the door, growling. The hair stood up along his back and he showed his sharp, fierce teeth to the wolves. They howled, but they could not get in.   **30**

1) Which of the following adjectives best describes the Big Woods?

A. Vast

B. Barren

C. Harmless

D. Enchanting

E. Crowded

2) When did this story take place, according to the author?

A. Last week

B. Today

C. Over 50 years ago

D. Six months ago

E. 6 years ago

3) Which literary technique is used in the following sentence: "There were no houses. There were no roads. There were no people." (lines 5-6)?

A. Personification

B. Alliteration

C. Metaphor

D. Exaggeration

E. Repetition

4) How many species of animals are named in the second paragraph?

A. 6

B. 10

C. 7

D. 8

E. 9

5) What does the phrase "In those days" suggest in lines 15-16?

A. This story took place recently

B. This story took place a long time ago

C. This story took place in a distant land

D. This story is fictional

E. This story took place nearby

6) What kept Laura awake at night?

A.   Her sister
B.   Jack
C.   Wolves
D.   The trees
E.   The cold

7) Which of these is an example of personification from the text?

A.   "The trees whispering together" *Line 19*
B.   "Jack won't let the wolves in" *Line 24*
C.   "She was safe inside the solid, log walls" *Line 21*
D.   "They looked like shaggy dogs." *Lines 27-28*
E.   "They howled, but they could not get in." *Line 30*

8) Which of the following words is a synonym of the word "fierce" as it is used in line 30?

A.   Tame
B.   Very
C.   Ferocious
D.   Powerful
E.   Evil

9) Who is Jack?

A.   Laura's brother
B.   A wolf
C.   Laura's cousin
D.   Laura's dog
E.   Laura's father

10) Which of the following words best describes Jack's role in this passage?

A.   Observer
B.   Protector
C.   Attacker
D.   Spectator
E.   Contender

Missing Word Instructions

In each of the following sentences, there is a missing word.

Choose the best word to complete each sentence so that it makes sense and is written in correct English.

Mark your chosen answer for each question in your answering booklet.

You will have five options (A - E) for each question.

11) Erin _____ ruined her science experiment and lost the competition.

A	B	C	D	E
accidentally	intention	meant	always	suddenly

12) He found a _____ map, hidden on the pirates' ship.

A	B	C	D	E
magical	treasure	geographical	old	pirate

13) He decided to fake his _____ to avoid going to prison.

A	B	C	D	E
crime	travels	trail	disappearance	hiding

14) The charity will happily accept any _____ you can afford to give.

A	B	C	D	E
offer	receipt	gift	finance	donation

15) They spent the afternoon _____ the abandoned building

A	B	C	D	E
exploring	traverse	watching	touring	covering

Spellings Instructions

In each of the following sentences there might be a spelling mistake. On each numbered line there is either one mistake or no mistake.

Find the group of words with the mistake and mark your chosen answer in the answering booklet. You will have four options (A - D).

If there is no mistake, mark 'N' in your answering booklet.

---

16) The view from the lighthouse excited even the most seasoned traveler.

A	B	C	D

17) Caspar realized the only way he could win the contest was by cheating.

A	B	C	D

18) The water level in the resarvoir continued to lower while the drought continued.

A	B	C	D

19) I was fishing for compliaments when I accidentally caught a salmon.

A	B	C	D

20) Excitement replaced fear as the rollercostar began to speed up.

A	B	C	D

Punctuation Instructions

In each of the following sentences there might be a punctuation mistake. On each numbered line there is either one mistake or no mistake.

Find the group of words with the mistake and mark your chosen answer in your answering booklet. You will have four options (A - D).

If there is no mistake, mark 'N' in your answering booklet.

---

21) "She was a fashion icon she always wore bright lipstick and big earrings.

A	B	C	D

22) Elephants are pregnant for 18 22 months before giving birth.

A	B	C	D

23) Dalia's parent's take me home from school on Fridays.

A	B	C	D

24) At the fruit market we bought: apples a melon and a pineapple.

A	B	C	D

25) "Do you want sugar in your tea?" asked Gran kindly.

A	B	C	D

End of English section.

Mathematics Practice Section (5 minutes)

This practice section shows you examples of the types of questions you will encounter in the following mathematics test.

Example i

Work out the correct answer and mark your chosen answer in your answering booklet.

> **i) I think of a number.**
>   **I divide it by 2.**
>   **Next, I add 11.**
>   **The answer is 15.**
>   **What was the number I started with?**

    A.   5
    B.   8
    C.   11
    D.   12
    E.   15

The answer here is **B.**

8 ÷ 2 + 11 = 15.

Now try the following questions. Remember to answer in your answering booklet.

Practice Question i

> **i) Look at the following pattern. Which number should come next?**
>
>   1   8   16   23   46   53   ?

    A.   37
    B.   60
    C.   75
    D.   106
    E.   119

Practice Question ii

ii) Alexandra has these four cards with numbers on. How can she arrange them to get the smallest possible number?

| 1 | 4 | 9 | 3 |

A. 3193

B. 1394

C. 1349

D. 3941

E. 1439

Practice Question iii

iii) What is the largest common factor of 24 and 36?

A. 2

B. 3

C. 6

D. 8

E. 12

END OF MATHEMATICS PRACTICE SECTION
- THE MATHEMATICS TEST BEGINS ON THE NEXT PAGE.
- YOU HAVE 25 MINUTES TO COMPLETE THE MATHEMATICS TEST.
- THERE ARE 25 QUESTIONS IN THIS TEST.
- YOUR TIME WILL START WHEN YOU TURN OVER THE PAGE.
        DO NOT TURN OVER THE PAGE UNTIL YOU ARE ASKED TO DO SO

Mathematics (25 minutes)

Instructions

For each question, work out the correct answer and mark your chosen answer on the answering sheet.

You will have five options (A - E).

---

1) What is 5 minus -10

    A.   -5
    B.   -10
    C.   5
    D.   10
    E.   15

---

2) What is the value of the angle labelled U?
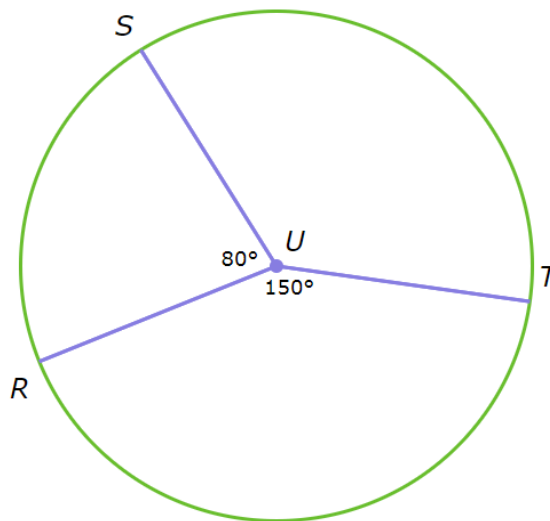
    A.   125°
    B.   127°
    C.   130°
    D.   133°
    E.   138°

---

3) What is ⅛ ÷ ⅙ ?

- A. 1/2
- B. 1/4
- C. 3/8
- D. 5/6
- E. 3/4

---

4) What is the next number in this sequence: 1, 1, 2, 3, 5, 8, 13, 21, ?

- A. 29
- B. 31
- C. 34
- D. 38
- E. 40

---

5) Look at this figure, what is the shape of its base?
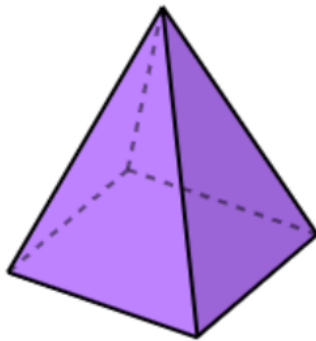
- A. Square
- B. Circle
- C. Pentagon
- D. Heptagon
- E. Triangle

---

6) How many vertices does a cuboid have?
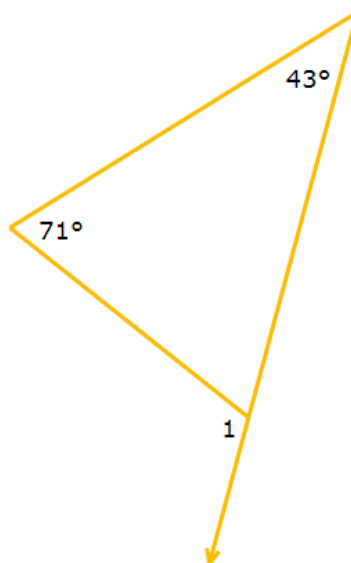
- A. 6
- B. 8
- C. 9
- D. 10
- E. 12

---

7) What is the lowest common multiple of 6 and 5?

 A. 12
 B. 15
 C. 24
 D. 25
 E. 30

8) What is 69.498 rounded to the nearest tenth?

 A. 69.4
 B. 69.48
 C. 69.49
 D. 69.5
 E. 69.6

9) What is the value of the angle labelled 1 ?

 A. 49°
 B. 66°
 C. 72°
 D. 94°
 E. 114°

10) Shannon runs 7.9 kilometres every morning. One day, she runs 1.8 kilometres and then stops to take a break. How much further does Shannon have left to run?

    A.   3.6 km

    B.   7.13 km

    C.   4.23 km

    D.   6.1 km

    E.   5.91 km

11) Last night, the two dinner specials at Alexandra's favourite restaurant were salmon and steak. The restaurant served 14 salmon and 56 steaks. What percentage of the specials served were salmon?

    A.   25%

    B.   30%

    C.   55%

    D.   20%

    E.   10%

12) A 9-pack of plastic cups costs £4.23. What is the price per cup?

    A.   47p

    B.   81p

    C.   39p

    D.   55p

    E.   27p

13) Rhianna's mum gave her £35 to go shopping. She bought a jumper for £11, a T-shirt for £5, and a pair of shoes for £9. How much money does Rhianna have left?
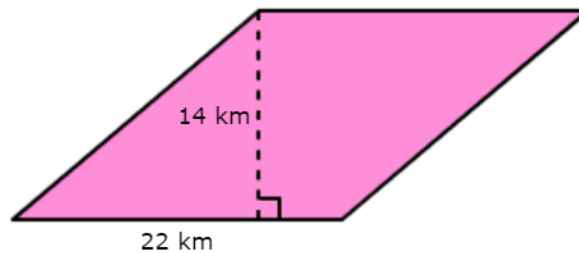
    A.   £9

    B.   £10

    C.   £11

    D.   £13

    E.   £15

14) Javier wants to ride the big wheel, the roller coaster, and the log ride. The big wheel costs 2 tickets, the roller coaster costs 8 tickets and the log ride costs 7 tickets. Javier has 5 tickets. How many more tickets should Javier buy?

A. 20 tickets

B. 17 tickets

C. 14 tickets

D. 12 tickets

E. 8 tickets

15) What is the area of this trapezium?

14 km

22 km

A. 174 km^2

B. 308 km^2

C. 827 km^2

D. 237 km^2

E. 537 km^2

16) There are 7 red pens in Jonathan's desk drawer. There are 2 more black pens than red pens. There are also 6 more blue pens than red pens. How many pens are there in all?
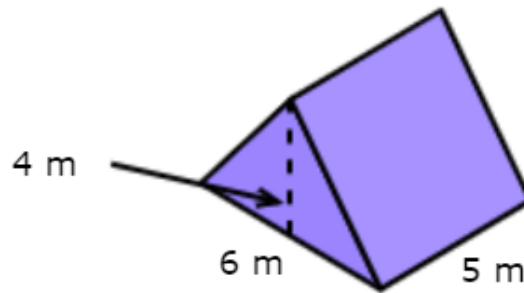
A. 31 pens

B. 17 pens

C. 29 pens

D. 19 pens

E. 24 pens

17) If f = 13, what is $\sqrt{12 + f}$?

A. 4

B. 5

C. 6

D. 7

E. 8

18) What is the volume of this shape?

A.   48 m^3

B.   70 m^3

C.   60 m^3

D.   56 m^3

E.   72 m^3

19) Gary has £500 saved in the bank. He receives 5% interest every year. How much money will he have at the end of the first year?

A.   £505

B.   £525

C.   £530

D.   £550

E.   £575

20) A parking garage near Edmond's house is 4 storeys tall. There are 79 open parking spots on the first level. There are 4 more open parking spots on the second level than on the first level, and there are 3 more open parking spots on the third level than on the second level. There are 80 open parking spots on the fourth level. How many open parking spots are there in all?

A.   284 spots

B.   297 spots

C.   303 spots

D.   328 spots

E.   336 spots

21) Tony and his friends recorded their scores while playing a board game.

| Scores on a board game ||
Score	Frequency
6	11
7	1
8	17
9	20
10	10

How many people scored 8 or more?

A. 29
B. 17
C. 39
D. 54
E. 47

22) Evaluate the expression below for p = 9 and q = 5.
                            p - q + 11 = ?

A. 19
B. 15
C. 4
D. 7
E. 11

23) Dustin had 53 dolphin stickers. He gave 5 stickers each to 5 friends. How many stickers does Dustin have left?

A. 28 stickers
B. 14 stickers
C. 25 stickers
D. 32 stickers
E. 27 stickers

24) **Bridget saved £9 in March. She saved £23 in April and £23 in May. Then Bridget spent £49 on a keyboard. How much money does Bridget have left?**

    A. £55
    B. £48
    C. £26
    D. £15
    E. £6

25) **For a school fundraiser, Ellen needs to sell 61 boxes of biscuits. So far, she has sold 14 boxes of lemon biscuits to her aunt, 6 boxes of chocolate biscuits to her mother, and 11 boxes of oatmeal biscuits to a neighbour. How many more boxes of biscuits does Ellen need to sell?**

    A. 25 boxes
    B. 30 boxes
    C. 35 boxes
    D. 37 boxes
    E. 40 boxes

End of mathematics section and paper.