

## St Olave's Stage 2 Homework 8

### English Section One

*Read the following passage carefully and then answer the questions below. The passage is from "The Secret Garden" by Frances Hodgson Burnett.*

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Mary Lennox was a sour-faced little girl who was born in India and had always been ill in one way or another. Her hair was yellow, her face was yellow, and she had a little thin, angry face and a thin little body. She was the most disagreeable-looking child ever seen. One frightfully hot morning, when she was about nine years old, she awoke feeling very cross, and she became crosser still when she saw that the servant who stood by her bedside was not her Ayah.

"Why did you come?" she said to the strange woman.

"I will not let you stay. Send my Ayah to me."

The woman looked frightened, but she only stammered that the Ayah could not come, and when Mary threw herself into a passion and beat and kicked her, she looked only more frightened and repeated that it was not possible for the Ayah to come to Missie Sahib.

There was something mysterious in the air that morning. Nothing was done in its regular order, and several of the native servants seemed missing, while those whom Mary saw slunk or hurried about with ashy and scared faces. But no one would tell her anything, and her Ayah did not come.

This made her more and more angry, and soon she slapped and punched the servant who dared to look at her. She was in the midst of her tantrum when suddenly she heard loud cries and sounds of wailing coming from outside. She ran to the window and looked out; the sky was a strange grayish color, and people were running hither and thither in the garden.

"What is the matter?" she cried.

No one answered her, and she turned back into the room, stamping her foot.

"How dare they not come when I call!" she muttered.

Just then, the door opened, and a woman entered whom she had never seen before.

"Why doesn't my Ayah come to dress me?" she demanded.

"My dear," said the woman, "you must be prepared for the news I have to tell you. The cholera has broken out, and people are dying like flies. Your Ayah is ill, and so

are the other servants. It is not safe for you to stay here. You must be taken away at once."

Mary stared in horror. The cholera! She had heard of it, and she felt frightened. The strange gray light in the sky, the wailing in the distance—all of it suddenly made sense.

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### Questions

*Answer the following questions by circling the correct letter for each one. Each question has only one right answer. You may refer back to the passage as often as you like.*

1. Mary was displeased when she woke up because:

- A. It was a frightfully cold morning.
- B. Her Ayah was not by her bedside.
- C. She was feeling ill.
- D. The room was dark and gloomy.
- E. She had overslept.

2. Mary's reaction to the new servant was to:

- A. Greet her politely.
- B. Ignore her and get dressed herself.
- C. Demand that she leave immediately.
- D. Thank her for coming.
- E. Ask her for breakfast.

3. The phrase "threw herself into a passion" [Line 6] most closely means:

- A. Began to cry softly.
- B. Started laughing uncontrollably.
- C. Became very angry.
- D. Felt sick and fainted.
- E. Started dancing happily.

4. The servants' behaviour that morning was unusual because:

- A. They were singing and celebrating.
- B. They were missing or seemed frightened.
- C. They brought Mary many gifts.
- D. They refused to work.
- E. They were unusually cheerful.

5. The sky was "a strange grayish color" [Line 11], which made Mary feel:

- A. Excited about the weather.
- B. Curious about a coming storm.
- C. Frightened and uneasy.
- D. Happy to see a change.
- E. Indifferent to her surroundings.

6. The woman who entered Mary's room [Line 15] came to tell her that:

- A. Breakfast was ready.
- B. She was to meet her parents.
- C. The cholera had broken out.
- D. Her Ayah was coming shortly.
- E. A surprise party was planned.

7. Mary's initial reaction upon hearing about the cholera was one of:

- A. Joy.
- B. Indifference.
- C. Horror.
- D. Relief.
- E. Confusion.

8. The term "people are dying like flies" [Line 17] is an example of:

- A. Simile.

- B. Metaphor.
- C. Personification.
- D. Hyperbole.
- E. Onomatopoeia.

9. Which of the following would be the most appropriate title for the passage?

- A. "A Morning of Celebration"
- B. "Mary's New Friend"
- C. "The Mysterious Ayah"
- D. "The Cholera Outbreak"
- E. "An Ordinary Day in India"

English Section Two (Part A)

*Read the poem below carefully at least twice.*

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## "I Wandered Lonely as a Cloud"

*By William Wordsworth*

I wandered lonely as a cloud  
That floats on high o'er vales and hills,  
When all at once I saw a crowd,  
A host, of golden daffodils;  
Beside the lake, beneath the trees,  
Fluttering and dancing in the breeze.

Continuous as the stars that shine  
And twinkle on the milky way,  
They stretched in never-ending line  
Along the margin of a bay:  
Ten thousand saw I at a glance,  
Tossing their heads in sprightly dance.

The waves beside them danced; but they  
Out-did the sparkling waves in glee:  
A poet could not but be gay,  
In such a jocund company:  
I gazed—and gazed—but little thought  
What wealth the show to me had brought:

For oft, when on my couch I lie  
In vacant or in pensive mood,  
They flash upon that inward eye  
Which is the bliss of solitude;  
And then my heart with pleasure fills,  
And dances with the daffodils.

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### Questions

1. Write a paragraph about why the daffodils are special to the poet.

*(You are advised to write one paragraph but no more than half a side of A4 for your answer.)*

2. Explain carefully what you understand by the following quotations.

(a) **"They flash upon that inward eye  
Which is the bliss of solitude;"**

(b) **"Tossing their heads in sprightly dance."**

*(You are advised to write one paragraph but no more than a quarter of a side of A4 for your answer.)*

## English Section Two (Part B)

Write a short story about a day when all electricity and modern technology suddenly stopped working around the world. You should include:

- How people reacted to the sudden loss of technology
- What challenges you faced during this event and how you adapted
- How the world changed as a result of this global event

You can plan your work in any way that you find helpful (spidergram/brainstorm/bullet points) before you start writing.

Remember to check and correct your work before the end of the test.

(You are advised to write in pen at least two paragraphs but no more than one side of A4 for your answer.)

# St Olave's Stage 2 Mathematics Test

1. The table below shows the number of visitors to a science museum over a three-month period.

Month	April	May	June
Number of Visitors	1,965	2,310	3,045

**Answer:** \_\_\_\_\_ visitors

(b) In July, there were 432 more visitors than in June.

How many people visited the science museum in July?

**Answer:** \_\_\_\_\_ visitors

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2. What decimal number is 0.038 less than 3?

**Answer:** \_\_\_\_\_

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3. Write, in figures, twelve thousand and sixty-three.

**Answer:** \_\_\_\_\_

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4. (a) Calculate  $274 \times 8$ .

**Answer:** \_\_\_\_\_

(b) Hence find the value of  $274 \times 16$ .

*You must show how you have used your answer to part (a) to answer part (b).*

**Answer:** \_\_\_\_\_

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5. Emma has been alive for 6,720 days. How many weeks is this?

**Answer:** \_\_\_\_\_ weeks

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6. Arrange these numbers in increasing order of size:

$\frac{3}{5}$ , 0.325, 0.045,  $\frac{1}{2}$ , 0.15

**Smallest**

**Largest**

**Answer:** \_\_\_\_\_

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7. How much more is three-quarters of £20 than two-fifths of £25?

**Answer:** £\_\_\_\_\_

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8. A rectangle has an area of 81 square centimeters (cm<sup>2</sup>). It is nine times as long as it is wide. Find the perimeter of the rectangle.

**Answer:** \_\_\_\_\_ cm

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9. A television program started at 7:55 PM and lasted for 2 hours 15 minutes. At what time did the program end?

**Answer:** \_\_\_\_\_

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10. Julia has a third of a pizza to share equally with two of her friends. What fraction of the whole pizza does each of the three girls get?

**Answer:** \_\_\_\_\_

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11. Two brothers are now aged 10 years 5 months and 6 years 8 months. What will be the total of their ages in 7 months from now?



**Answer:** \_\_\_\_\_ years \_\_\_\_\_ months

12. Complete the missing boxes in the following table. Use a Tick or Cross.

Letter	F	G	H	I	J
Rotational Symmetry?					
Lines of Symmetry					

13. Two packages are weighed one at a time. The arrows show their masses in grams.

(Imagine scales showing 750 g and 1,250 g.)

(a) Write down the masses of the packages.

**Answers:**

\_\_\_\_\_ g

\_\_\_\_\_ g

(b) What is the difference in the masses of the two packages in kilograms?

**Answer:** \_\_\_\_\_ kg

14. (i) Daniel scored 24 out of 30 in a math test and 32 out of 40 in an English test. In which test did he achieve the higher percentage? *You must show your workings.*

**Answer:** Daniel achieved the higher percentage in \_\_\_\_\_

(ii) Exactly 80% of students in Year 7 at Greenwood School participate in after-school clubs. Which of the following numbers could be the total number of students in Year 7 at Greenwood School? *Circle the two possible numbers.*

25    30    35    40    45

(iii) The table below gives the percentages of students achieving the four possible grades in an examination.

**Grade**            **A B C D**

**Percentage (%)** 35 25

If the percentage of students achieving grade D is twice the percentage achieving grade C, fill in the two missing numbers in the table.

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**15.** Write down a set of seven positive whole numbers with a median of 5 and a mode of 3.

**Answer:** \_\_\_\_\_

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**16.** The following table gives the numbers of different colored marbles in a bag.

<b>Color</b>	<b>Red</b>	<b>Green</b>	<b>Blue</b>	<b>Yellow</b>
<b>Number of Marbles</b>	6	12	18	24

Lily picks a marble at random from the bag. For each of the events A to C below, choose one of the following words to describe its probability.

- **Impossible**
- **Unlikely**
- **Even chance**
- **Likely**
- **Certain**

**Event A:** The marble is blue or yellow.

**Answer:** \_\_\_\_\_

**Event B:** The marble is not red.

**Answer:** \_\_\_\_\_

**Event C:** The marble is purple.

**Answer:** \_\_\_\_\_

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**17.** There are 12 benches placed along one side of a straight path, equally spaced 60 meters apart. What is the distance between the first bench and the last one?

**Answer:** \_\_\_\_\_ meters

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**18.** The final score for a basketball game between Team X and Team Y was a 4–4 tie. How many different possible half-time scores were there?

**Answer:** \_\_\_\_\_ possible half-time scores

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**19.** Tom is making dice. The diagram below shows the net of one of them. When the edges of the net are folded, the number of dots on opposite faces adds up to seven.

*(Imagine a net with faces labeled A, B, and C, and some faces with dots.)*

Write down the number of dots there should be on the faces marked A, B, and C.

**Answer A:** \_\_\_\_\_

**Answer B:** \_\_\_\_\_

**Answer C:** \_\_\_\_\_

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**20.** A new skyscraper is going to be 50 stories high, and all the stories will be of the same height. So far, 20 stories have been built, reaching a height of 80 meters.

(a) What fraction, in its simplest form, of the building has been built?

**Answer:** \_\_\_\_\_

(b) What will be the building's total height?

**Answer:** \_\_\_\_\_ meters

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21. A shopkeeper wishes to write the words

**GRAND OPENING**

on the inside of his shop window so that people outside the shop can read it.

What should he write? Put your answer in the space below.

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22. If each bag of flour weighs 500 g, how heavy is the batch of bread that requires 4 bags of flour?

**Answer:** \_\_\_\_\_

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23. The number of days that students in a certain class were absent during February are represented in the frequency diagram below:

*(Imagine a frequency diagram with appropriate data.)*

(a) What is the modal number of days absent?

**Answer:** \_\_\_\_\_ days

(b) How many students were absent for at least one day in February?

**Answer:** \_\_\_\_\_ students

(c) What was the total number of days of absence for students in the class? *Show your workings.*

**Answer:** \_\_\_\_\_ days

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24. Sara plants a seed and an unusual plant starts to grow. Every morning Sara finds that the plant is one and a half times as tall as it was the morning before. On Wednesday morning, the plant is 27 cm tall.

(a) How tall will the plant be on Friday morning?

**Answer:** \_\_\_\_\_ cm

(b) How tall was the plant on Tuesday morning?

**Answer:** \_\_\_\_\_ cm

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**25.** Two cyclists are riding around a circular track. One completes a lap every 30 seconds and the other every 45 seconds. They start together at the starting line. How long, in minutes and seconds, will it be before they are at the starting line together again?

**Answer:** \_\_\_\_\_ minutes \_\_\_\_\_ seconds

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**26.** Write down the next number in each of the following sequences:

(a) 9    13    19    27    \_\_\_\_\_

(b) 2,400    1,200    400    100    \_\_\_\_\_

(c) 3    7    15    31    \_\_\_\_\_

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**27.** This is a picture of an open-topped box and some cubes.

(Imagine a box with dimensions: Length = 12 cm, Width = 9 cm, Height = 6 cm.)

(a) How many cubes of side 3 cm will fit inside the box?

**Answer:** \_\_\_\_\_

(b) How many cubes of side 6 cm will fit inside the box?

**Answer:** \_\_\_\_\_

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**28.** Maya has designed a number machine. Two numbers go in and an answer comes out. Two examples of what the machine does are given below:

- **Input:** 4 and 5      **Output:** 41
- **Input:** 7 and 2      **Output:** 53

Describe in words what the number machine does to the two numbers put into it.

**Answer:** \_\_\_\_\_

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**29.** A gardener has a rectangular plot that is twice as long as it is wide. The perimeter of the plot is 96 meters. Find the area of the plot.

**Answer:** \_\_\_\_\_ square meters

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**30.** A shape is made from 1,008 small squares by continuing the pattern shown in the diagram below. Each small square has a side length of 1 cm.

(Imagine a pattern of connected squares.)

What is the length, in centimeters, of the perimeter of the whole shape?

**Answer:** \_\_\_\_\_ cm