

St Olave's Stage 2 Homework 7

Read the following passage carefully and then answer the questions below. The passage is from "Treasure Island" by Robert Louis Stevenson.

I was standing at the door for a moment, full of sad thoughts about my father, when I saw someone drawing slowly near along the road. He was plainly blind, for he tapped before him with a stick and wore a great green shade over his eyes and nose; and he was hunched, as if with age or weakness, and wore a tattered sea-cloak with a hood, which made him appear positively deformed.

5 I never saw in my life a more dreadful-looking figure. He stopped a little from the inn and raised his voice in an old sing-song, addressing the air in front of him: "Will any kind friend inform a poor blind man, who has lost the precious sight of his eyes in the gracious defence of his native country, England—and God bless King George!—where or in what part of this country he may now be?"

I told him, "You are at the Admiral Benbow, Black Hill Cove, my good man."

10 "I hear a voice," said he, "a young voice. Will you give me your hand, my kind young friend, and lead me in?"

I held out my hand, and the horrible, soft-spoken, eyeless creature gripped it in a moment like a vice.

"Now, boy," he said, "take me in to the captain."

"Sir," said I, "upon my word I dare not."

15 "Oh," he sneered, "that's it! Take me in straight, or I'll break your arm."

And he gave it, as he spoke, a wrench that made me cry out.

"Sir," said I, "it is for yourself I mean; the captain is not what you might call a good man, and the inn is lonely."

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. The narrator first noticed the stranger because:

A. He was thinking about his father and looking at the road.

- B. The stranger called out to him from a distance.
- C. The stranger tapped him on the shoulder.
- D. He was waiting at the door expecting someone.
- E. The stranger knocked loudly on the inn door.

2. The stranger's appearance was all of the following EXCEPT:

- A. He was blind.
- B. He wore a green shade over his eyes and nose.
- C. He stood upright and tall.
- D. He wore a tattered sea-cloak with a hood.
- E. He appeared deformed.

3. The word "dreadful-looking" [Line 5] could most accurately be replaced by:

- A. Frightening
- B. Unusual
- C. Dirty
- D. Unhealthy
- E. Elderly

4. The stranger addressed the narrator as "kind young friend" because:

- A. He genuinely appreciated the narrator's help.
- B. He wanted to deceive and manipulate the narrator.
- C. He was grateful for being told where he was.
- D. He recognized the narrator from before.
- E. He was known for his polite manners.

5. When the narrator first spoke to the stranger, he:

- A. Invited him into the inn.
- B. Warned him about the captain.
- C. Told him where he was.
- D. Refused to talk to him.
- E. Offered him food and drink.

6. The phrase "gripped it in a moment like a vice" [Line 12] suggests that the stranger's grip was:

- A. Weak and shaky.
- B. Gentle and kind.
- C. Quick and tight.
- D. Slow and hesitant.
- E. Clumsy and careless.

7. The narrator hesitated to take the stranger to the captain because:

- A. He was afraid of the captain.
- B. The captain was not present.
- C. The inn was too crowded.
- D. He didn't trust the stranger.
- E. He thought the stranger might get hurt.

8. The stranger threatened the narrator by saying:

- A. "I will harm the captain."
- B. "Take me in straight, or I'll break your arm."
- C. "I will destroy the inn."
- D. "You will regret this."
- E. "I know who you are."

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

- A. A Friendly Encounter
- B. The Blind Beggar's Kindness
- C. An Unexpected Threat
- D. The Captain's Loyal Friend
- E. A Pleasant Evening at the Inn

Read the poem below carefully at least twice.

"The Tyger"

By William Blake

Tyger Tyger, burning bright,
In the forests of the night;
What immortal hand or eye,
Could frame thy fearful symmetry?

In what distant deeps or skies
Burnt the fire of thine eyes?
On what wings dare he aspire?
What the hand, dare seize the fire?

And what shoulder, & what art,
Could twist the sinews of thy heart?
And when thy heart began to beat,
What dread hand? & what dread feet?

What the hammer? what the chain,
In what furnace was thy brain?
What the anvil? what dread grasp,
Dare its deadly terrors clasp!

When the stars threw down their spears
And watered heaven with their tears:
Did he smile his work to see?
Did he who made the Lamb make thee?

Tyger Tyger, burning bright,
In the forests of the night:
What immortal hand or eye,
Dare frame thy fearful symmetry?

Questions

1. Write a paragraph about how the poet portrays the tiger and why it is significant to him.

(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) **"What immortal hand or eye,
Could frame thy fearful symmetry?"**

(b) **"Did he who made the Lamb make thee?"**

(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 you accidentally discover a hidden door in your house that leads to a mysterious place. You should include:

- How you felt when you first found the door and decided to open it
- What you discovered on the other side and who or what you encountered
- How the experience changed your view of the world or yourself

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.)

1 Work out $4 - 1\frac{7}{12}$.

2 Put the following numbers in order starting with the smallest.

$$1.9, \frac{26}{25}, 1\frac{3}{7}, 150\%$$

3 From Year 10 all pupils must join the Combined Cadet Force ("CCF") or opt for School Community Service ("SCS"). Pupils can not opt for both CCF and SCS.

Rachel asked 150 Year 9 pupils whether they wanted to opt for CCF or SCS next year.

60% of the pupils said that they wanted to opt for CCF.

$\frac{1}{6}$ of the pupils said that they wanted to opt for SCS.

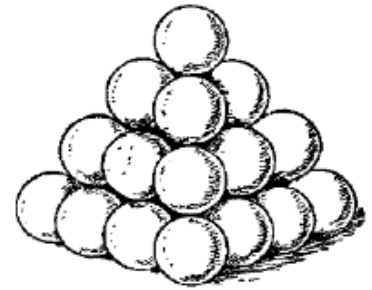
The rest of the pupils said that they hadn't yet decided.

How many pupils hadn't yet decided whether to do CCF or carry out SCS next year?

4 This mystery number has 4 digits.
Every digit is an odd number.
None of the digits is a 9.
Every digit in the number is different.
The smallest digit is in the thousands place.
The greatest digit is in the ones place.
This describes two possible numbers.
The mystery number is the greater of those two numbers. What is the mystery number?

5 120 can be written as $2^a \times 3^b \times 5^c$
Work out values for a, b and c.

- 6 The picture on the right shows a triangular stack of cannonballs. How many cannonballs are there in the stack?



- 7 Three bus services stop at my bus stop. Service A departs every 3 minutes, service B every 5 minutes and service C every 8 minutes.

If all three services leave my stop at 10.00 a.m., at what time will they next leave my stop together? (Assume that all three services always run on time).

- 8 \otimes , \square , \blacklozenge stand for numbers and keep their own values in the 4 equations. Find the numbers \otimes , \square , \blacklozenge

$$1 + \square = 6 \quad \text{a) } \square = ?$$

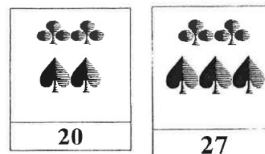
$$\blacklozenge - \square = 2 \quad \text{b) } \blacklozenge = ?$$

$$\blacklozenge + \otimes = 9 \quad \text{c) } \otimes = ?$$

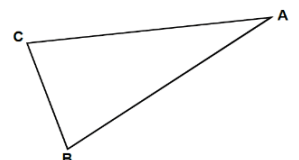
$$\square + \otimes = \blacklozenge$$

- 9 On the cards below, each club \clubsuit has the same value and each spade \spadesuit has the same value (but a different value to each club).

The number on each card is the total value of the symbols on that card. Find the value of one club \clubsuit



- 10 Triangle ABC is isosceles and has a perimeter of 20 centimetres. Sides AB and AC are each twice as long as BC.



Calculate the length of the side BC.

11 Seven *consecutive* whole numbers add up to 7357.

What is the largest of the seven numbers?

12 Geraint weighs 60 kilograms and Andrew weighs 125 pounds. Using $1 \text{ kilogram} = 2.2 \text{ pounds}$, work out by how many pounds Geraint is heavier than Andrew.

13 I need exactly 1 litre of water.
I have a measuring jug that holds 400 ml when it is full.

Explain how I can use my measuring jug to obtain 1 litre of water.

14 Gill's garden is 48 m long and 10 m wide and she wants to cover it with peat which comes in 60 kg sacks. 10 kg of peat covers an area of 20 m^2 .

How many sacks of peat does Gill need for the whole garden?



15 It takes 2 men 3 days to build a wall. To answer these questions, assume that all men work at the same rate all the time and take no breaks! You may use fractions, where necessary.

- i) How long would it take 10 men to build 6 such walls?
- ii) How long would it take y men to build x such walls?

16 Jane is 4 years older than Andy and Andy is 2 years older than Tom. If Jane is twice as old as Tom, how old are Andy, Tom and Jane?

17 In four years time, Sam will be twice as old as he was four years ago. Calculate Sam's current age.

18 Becky is $10\frac{1}{2}$ years old.

Her brother is exactly 1 year and 8 months younger than Becky.

How old is her brother?

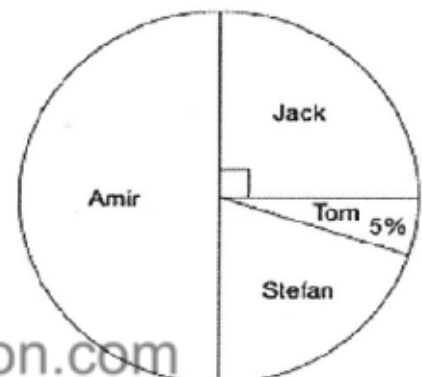
- 19
- How long does it take the 07:42 train from Hastings to get to Battle?
 - Jessica arrives at Crowhurst at quarter-to-eight. How long must she wait for a train to Etchingham?
 - Which is the latest train I can catch at Hastings to make sure I get to Robertsbridge by half past 8?

Hastings	0730	0742	0755	0807
St Leonards	0738	-	0803	0815
Crowhurst	0744	-	0809	0821
Battle	0751	0759	0816	0828
Robertsbridge	0756	0805	0821	0833
Etchingham	0802	0812	-	0839
Stonegate	0806	0816	0830	0843

20 40 children predicted who would win the boys' *Call of Duty* competition.

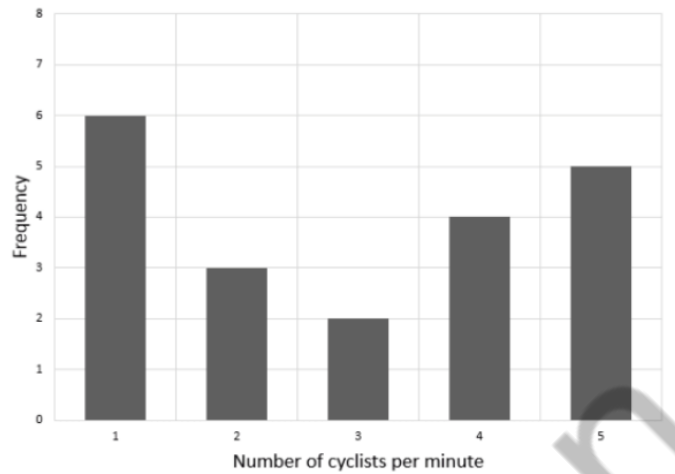
The pie chart below shows their predictions.

How many children predicted that Stefan would win?



21

- (a) What was the largest number of cyclists to pass in one minute?
- (b) What was the most frequent number of cyclists per minute?
- (c) For how many minutes, in total, was Sarah recording cyclists?



22 A school teaches French and German. All 165 pupils in year 9 study at least one language. Some pupils study just French, others study just German, and some study both French and German.

In total 112 pupils study French, and 92 pupils study German. How many pupils study only one language?

23 At a garden party there are 7 trays of sausages with a mean average of 13 sausages per tray. Just before the guests are allowed in, the head chef brings out another tray containing 21 sausages. What is the mean average number of sausages on the trays now?

24 List the letters in the word which have **exactly one** line of symmetry?

HEXAGON

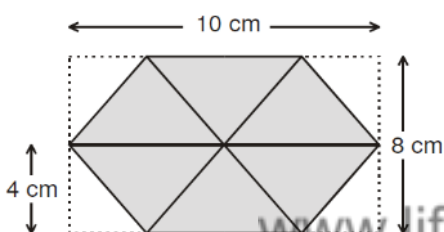
25 A box for coffee is in the shape of a hexagonal prism.



One end of the box is shown below.

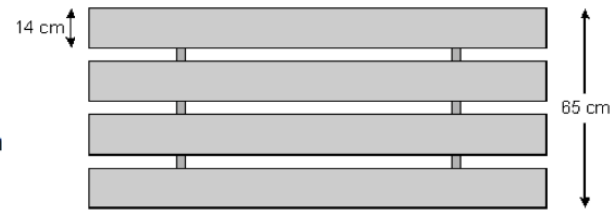
Each of the 6 triangles in the hexagon

has the same dimensions.



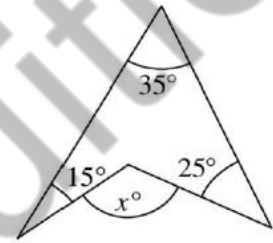
Calculate the total **area** of the hexagon.

- 26** Tariq wants to use four planks of wood to make the top of a table. Each plank of wood is **14 cm** wide. He wants the table to be **65 cm** wide with **equal spaces** between the planks of wood.



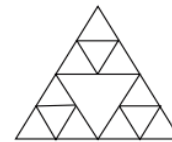
How much space should he leave between each of the planks of wood?

- 27** What is the value of x ?

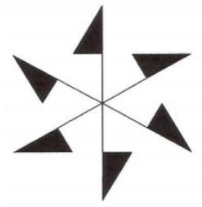


- 28** Two blocks of wood have the same volume. One is 18 cm long, 15 cm wide and 24 cm high. The other is 9 cm long and 12 cm wide. How high is the second block?

- 29** (a) How many lines of symmetry does shape (i) have?
 (b) What is the order of rotational symmetry for shape (ii)?

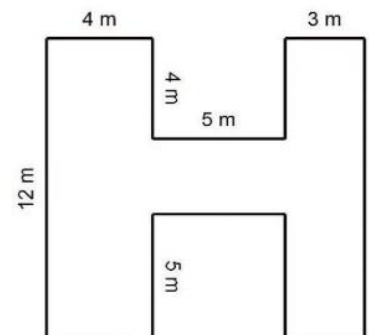


(i)



(ii)

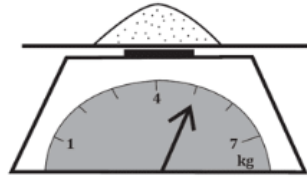
- 30** Work out the area of the shape.



- 31 Athena is making a cake, below is a diagram of some of the ingredients on the scales already. She additionally needs to add 300g of currants, 33g of orange peel and 1000g of butter.

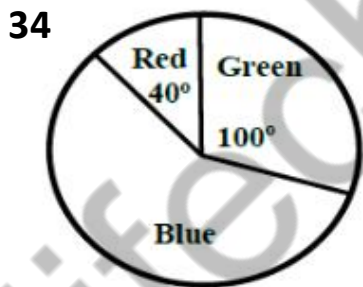
What is the total weight of all the raw ingredients of the cake?

Give your answer in kg.



- 32 At the market, pineapples cost £1.40 each and mangoes cost 80 pence each. Maddie spent the same amount on pineapples as she did on mangoes. Given that she bought at least one of each fruit, what is the smallest amount she could have spent?

- 33 Bill sold his motor scooter to Tom for £120. After driving it for a few days, Tom discovered it was in such a broken-down condition that he sold it back to Bill for 30% less than he paid. The next day Bill sold it to Jack for £90. What is Bill's profit on the final sale?



Pie chart shows the favourite colours of a class of students

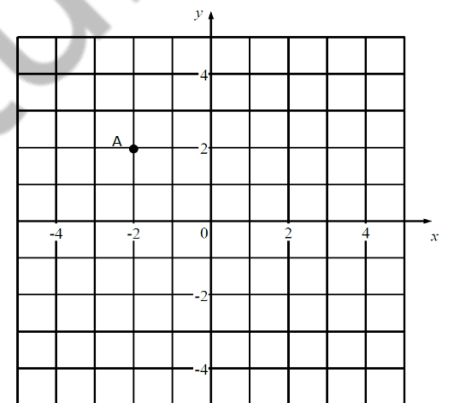
What is the probability that a student chosen at random prefers Green?
Give your answer as a fraction in its simplest form.

- 35 Chris runs round a track at a speed of 6 km/hour.
Dave runs round the same track at a speed of 9 km/hour.
When Chris has run 18 laps, how many laps has Dave run?

36 In a chess league there are 3 teams and they all play each other once. How many matches are there altogether?

37 Krish's school day starts at 8.30 am. Before break, he has three 45-minute lessons, with a 5 minute "moving period" between lessons. Break starts as soon as lesson 3 ends. At what time does break start ?

38 Plot the point (4, -2) and label it B.
Plot the point that is midway between A and B
and write down its coordinates

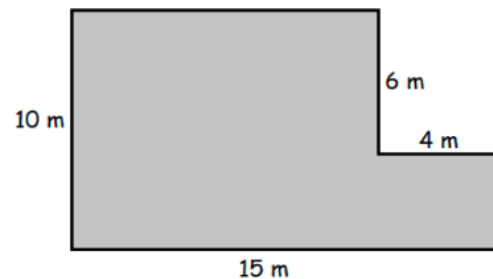


39 I got 30% on a 10-problem test, 70% on a 20-problem test and 80% on a 30-problem test.
If the three tests are combined into one 60 – problem test, what percentage is my overall score?

40 $P = 9a - 7b^2$

Work out the value of P when $a = 3$ and $b = -2$

- 41 Calculate the perimeter of the shape,



- 42 Armand is buying grass seed for his garden.

The lawn he wishes to make is this shape.

Grass seed is sold by the bag.

Each bag costs £10 and covers 3 m^2 .

How much will it cost him?



- 43 Chi is facing North East. In which direction will he be facing if he turns clockwise through 3 right angles?

- 44 How many minutes are there in one day?

- 45 Martin the builder needs to build a wall 19 bricks wide and 14 bricks high.

He can lay 7 bricks every 5 minutes. How long will it take him to build the wall?