

THE TRANSFER TEST

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CEA

Practice Test Paper 13

Time: 1 Hour

Maths Score	
English Score	
Total Score	
Percentage	

MATHS		
Page	Marks	Score
2	4	
3	4	
4	3	
8	2	
9	2	
10	3	
13	3	
14	2	
15	2	
19	2	
20	2	
21	3	
Total	32	

ENGLISH		
Page	Marks	Score
5	2	
6	4	
7	5	
11	1	
12	4	
16	1	
17	3	
18	4	
22	1	
23	4	
24	3	
Total	32	

1. What are the values of **r** and **s** in the calculations below?

Write your answers in the spaces provided.

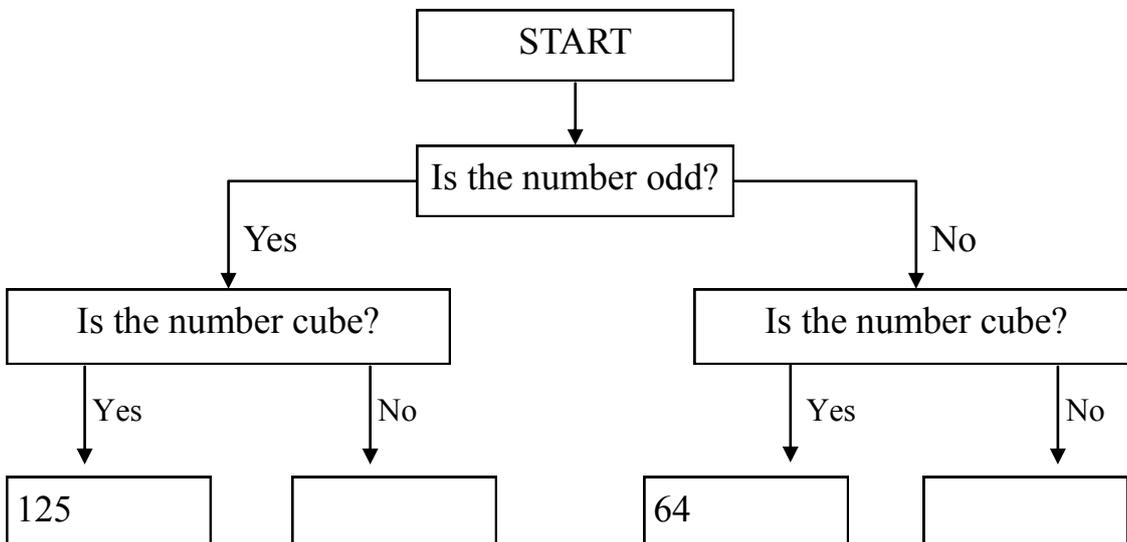
$$593 - r = 284 \quad r = \underline{\hspace{2cm}}$$

$$98 \div s = 7 \quad s = \underline{\hspace{2cm}}$$

2. Look at the **6 numbers** in the box below.

16	125	8
27	9	64

Now look at the decision tree below.



Write **each of the numbers** in the **correct box** of the decision tree. **Two** of the **numbers** have already been **put in the correct boxes**. Write each of the remaining numbers in the correct box. You may have more than one number in a box.

3. An cyclist takes **15 minutes** to cycle **5000 metres** at a **steady speed**. **How long** would he take to cycle **1 kilometre** at the **same steady speed**?

Write your answer in the space below.

 minutes

7. Tick the fraction below which is **nearest** in value to **40%**

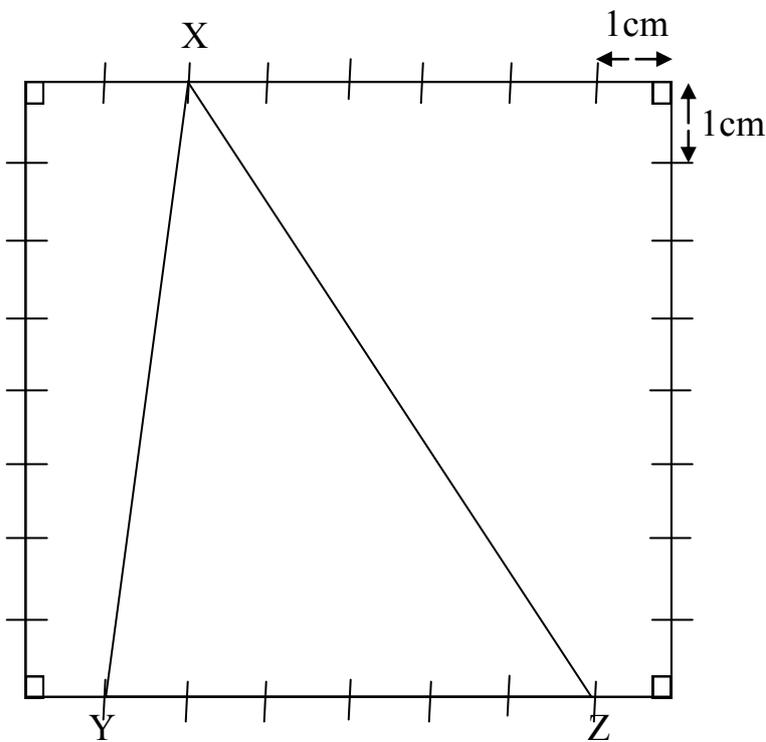
$\frac{1}{2}$

$\frac{13}{30}$

$\frac{8}{15}$

$\frac{4}{6}$

8. Look at the square below. Each of its sides is 8cm long. A triangle XYZ is drawn in the square.



What is the **area** of the **triangle XYZ**? Write your answer in the space below.

_____ cm²

9. Sweets costs £5.20 **per kilogram**.

How much would **300g** cost?

Write your answer in the space below.

£ _____

The Land of Counterpane

When I was sick and lay a-bed,
I had two pillows at my head,
And all my toys beside me lay
To keep me happy all the day.

And sometimes for an hour or so
I watched my leaden soldiers go,
With different uniforms and drills,
Among the bedclothes, through the hills;

And sometimes sent my ships in fleets
All up and down among the sheets;
Or brought my trees and houses out,
And planted cities all about.

I was the giant great and still
That sits upon the pillow-hill,
And sees before him, dale and plain,
The pleasant land of counterpane.

Robert Louis Stevenson

-
10. Write the **present tense** of the following words in the spaces below. Be careful with your spelling. The first has been done for you.

planted plant

lay _____

sent _____

brought _____

was _____

11. Look at the **last verse** of the poem. Find the **phrase of three words** that is closest in meaning to the words: **valley and flat land**. Write the phrase in the space below.

12. The four words **bravely**, **imagination**, **bad** and **engaging** are used in the sentence below:

The boy bravely made the best of his bad situation by engaging his imagination in play.

Tick the correct box in the table below to show which of the four words is used as a **verb**, a **noun**, an **adjective** or an **adverb** in the sentence.

	verb	noun	adjective	adverb
bravely				
imagination				
bad				
engaging				

13. Which of these words best describes the poet? Tick the best answer.

sleepy

unimaginative

inventive

self-pitying

14. According to the poem, **what role** did the boy play in his **imaginary land**? Write your answer in the space below.

15. The second line of the second verse of the poem uses the word **leaden**. Look at the four statements below. Tick the box opposite the correct statement. Only **one** statement is correct.

Leaden means:

- leading from the front
- made from lead
- unhappy
- angry

16. Find the **word** in the poem closest in meaning to each of the following. Write your answer in the space below.

various _____

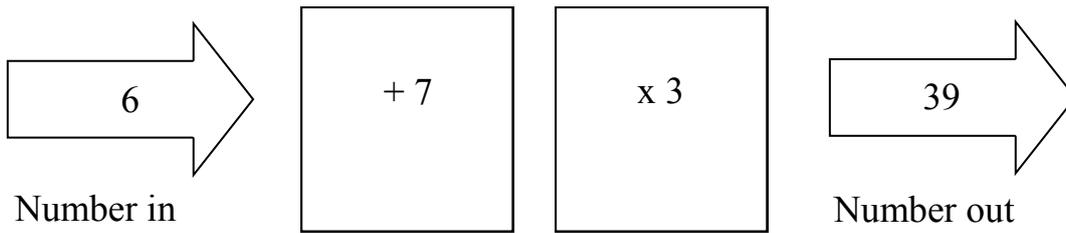
lovely _____

ill _____

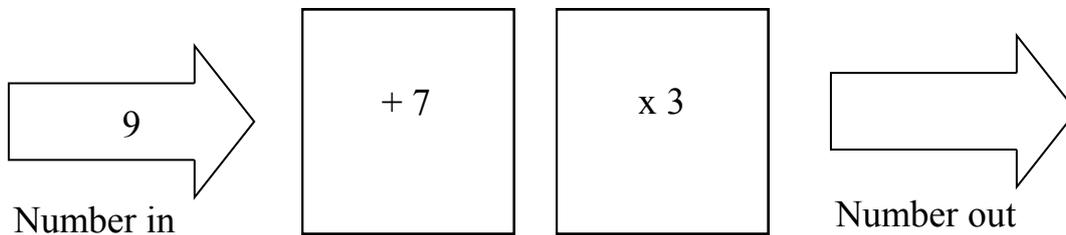
playthings _____

17. The boy plays with four types of small toy on top of his bedclothes. Write their names in the spaces below.

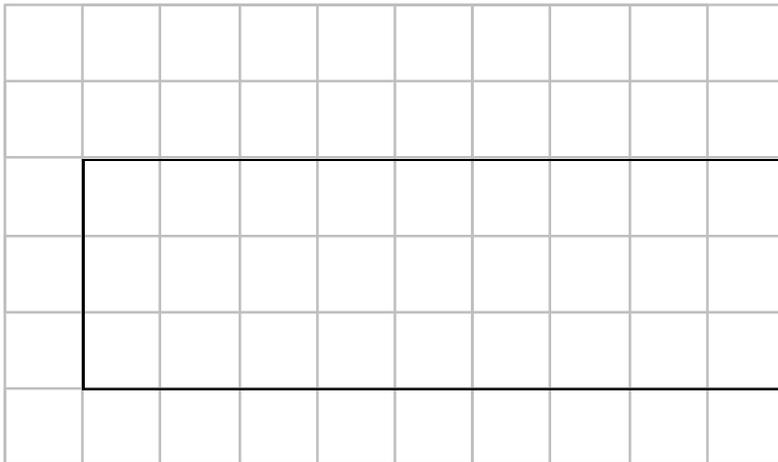
18. Look at the function machine below.



Complete the function machine below by writing the **correct number** in the blank arrow.



19. Look at the grid below. It is made up of small squares. The side of each small square is 1 cm long. A **rectangle** is drawn on the grid.



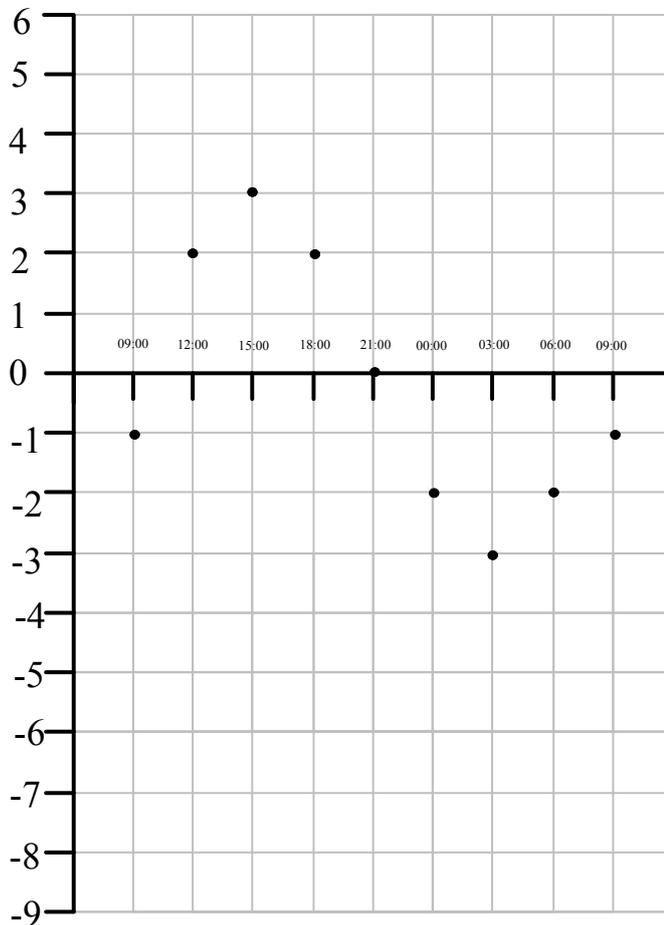
Find the area of the rectangle. Write your answer in the space below.

_____ cm^2

20. How many **quarter litre** paper cups can be filled from a container which holds **11.75 litres** of fizzy juice? Write your answer in the space below.

_____ paper cups

21. The temperature in a playground is recorded every three hours for a 24 hour period. The results are shown on the graph below.



- What is the **difference** between the **highest** and **lowest temperature** recorded? Write your answer in the space below.

_____ °C

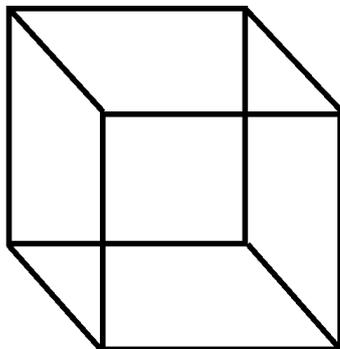
22. Look at the menu below.

MENU	
Curry	£3.25
Rice	£1.80

Calculate the cost of **3 curries** and **4 portions of rice**. Write your answer in the space below.

£ _____

23. Look at the **cube** below.



Complete the table below to show the number of **faces, edges and vertices** in the cube. Write your answers in the boxes below.

Faces	Edges	Vertices

24. Write **90 hours** in **days** and **hours**.

Write your answer in the space below.

_____ days and _____ hours

The passage you are about to read contains five errors. Read the passage and then answer the questions that follow it.

Letter to Parents

Dear Parent, (line 1)

I'm writing to suggest that you allow your child to have (line 2)

school dinners insted of bringing a packed lunch each day. (line 3)

School dinners provide children with a hot meal during the (line 4)

day, with a tasty pudding for after, They're also very good (line 5)

value; how many restaurants would serve two courses (plus (line 6)

a drink) for around two pounds. (line 7)

Sending you're child to school dinners has its advantages, (line 8)

for example, you will no longer have to buy and make and (line 9)

pack a lunch every single day. You'll have more time to do (line 10)

other things and you'll save money as you wouldnt have to (line 11)

buy a lunchbox, or all the food items to fill it. Does this (line 12)

sound good to you? (line 13)

Kind regards, (line 14)

The Principal (line 15)

25. There is a spelling error in one of the lines of the passage. Tick the number of the line containing the spelling error.

line 3

line 9

line 11

line 13

30. Jenny is making shapes using square cards. The first three shapes are shown below.

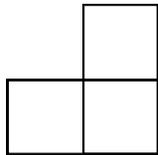
Shape 1 has 1 cards.

Shape 2 has 3 cards.

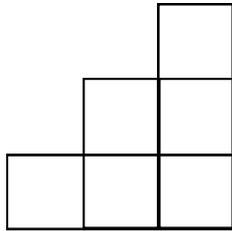
Shape 3 has 6 cards.



Shape 1



Shape 2



Shape 3

How many cards are there in **Shape 7**? Write your answer in the space below.

_____ cards

31. Look at the number of cards in the first 3 shapes. The number of cards in each shape is called a “**triangular number**”. The first 3 triangular numbers are **1, 3** and **6**. Now look at the 4 numbers below. **Two** of these numbers are triangular numbers. Tick the two triangular numbers.

25

35

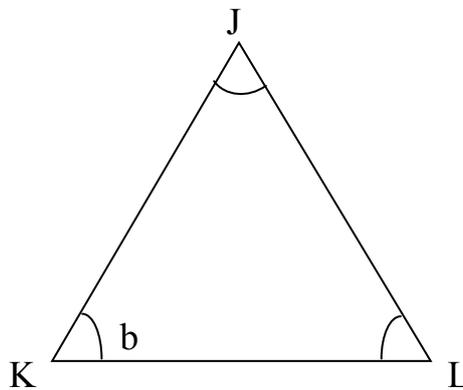
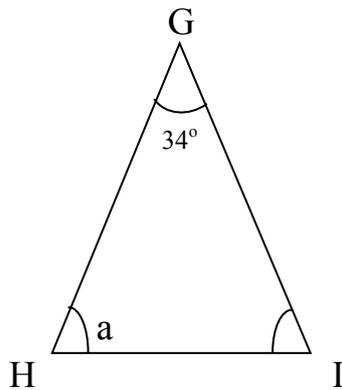
45

55

32. A shirt costs £24. It is **reduced** in price by **30%** in a sale. What is the price of the shirt in the sale? Write your answer in the space below.

£ _____

33. Look at the 2 **triangles** below. The triangle **GHI** is **isosceles**. The sides **GH** and **GI** are the **same length**. The triangle **JKL** is **equilateral**.



By **how many degrees** is angle **a** **greater than** angle **b**?

Write your answer in the space below.

_____°

34. Four athletes competed in the javelin throw. The **distance thrown** is recorded in the table below.

Athlete	Distance jumped
Paul	56.4m
Chris	0.06km
Joe	0.057km
Sean	57.3m

Which athlete's javelin travelled farthest? Write the **name** of the athlete in the space below.

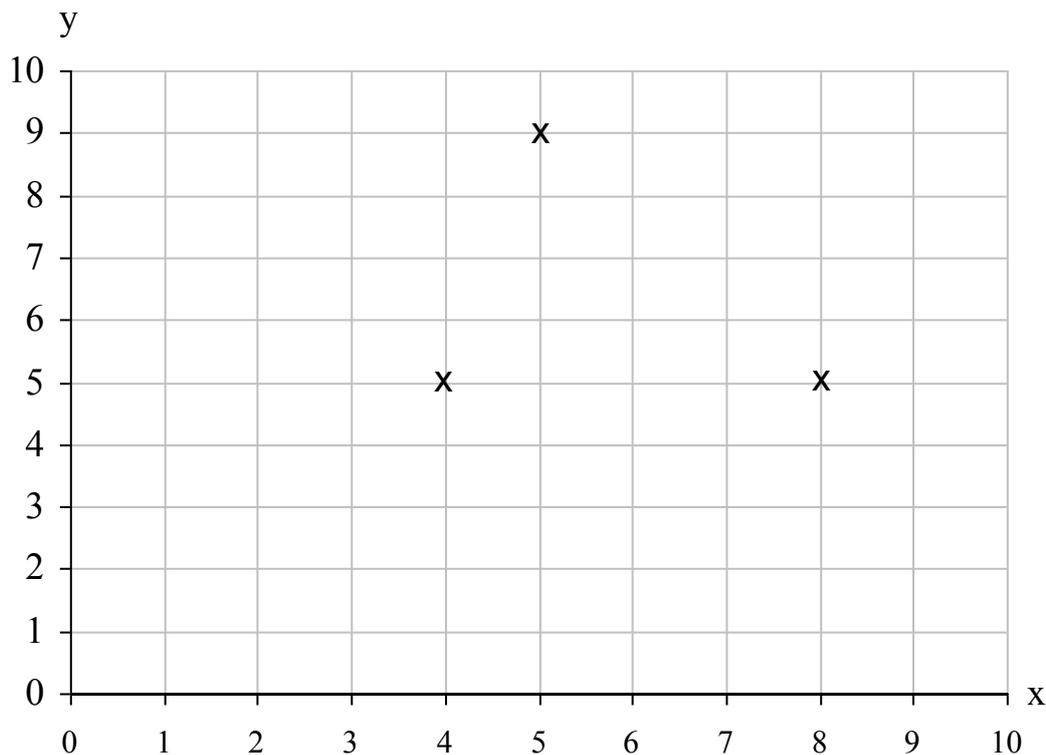
35. Martin makes a sequence using this rule:

Add eight, then halve the answer

Using this rule, write the **2 missing numbers** in Martin's sequence below. Write your answers in the space provided.

____, 792, 400, _____, 106, 57 ...

36. **Three of the vertices** of a **parallelogram** are shown by **dots in the grid** below.



Three possible points for the **fourth** vertex **can be drawn on the grid**. Write the **co-ordinates** of the **2** points in the spaces below.

(,) (,) (,)

Topsy Turvey World

If the butterfly courted the bee,
 And the owl the porcupine;
 If the churches were built in the sea,
 And three times one was nine;

If the pony rode his master,
 If the buttercups ate the cows,
 If the cat had the dire disaster
 To be worried, sir, by the mouse;

If mamma, sir, sold the baby
 To a gypsy for half-a-crown;
 If a gentleman, sir, was a lady-
 The world would be Upside Down!

If any or all of these wonders
 Should ever come about,
 I should not consider them blunders,
 For I should be Inside Out!

William Brighty Rands

37. Look at the **three words** below. Which word **best** describes the poem?

Select the word by ticking a box below.

Serious

Humorous

Factual

	(1)
--	-----

38. Look at the list of **four verbs** below. Write the **present tense** of each of the **verbs** in the space below. **Be careful with your spelling.** The first one has been done for you.

built build

rode _____

had _____

worried _____

39. Circle the **best word** or **best pair of words** to complete the sentence below.

In the poem the author **invents** / **describes** / **reports on** a Topsy Turvey World. This world is **familiar** / **unremarkable** / **nonsensical**.

40. These five words are not in alphabetical order.

dirty **disaster** **butterfly** **dire** **dinner**

Write the words in alphabetical order in the space below. The first word has been done for you.

butterfly _____

41. This poem rhymes. Which **word** from the poem **rhymes** with **sea**? Write the word in the space below.

42. Which **line** of the **final verse** of the poem tells us that the poet **would not believe that everything was an accident**? Write the line in the space below.

43. **Gentleman** and **lady** are opposites. Find the word **opposite** in meaning to each of the words below. Write your answer in the space provided. The answers **all appear in the poem**.

reassured _____

destroyed _____

triumph _____

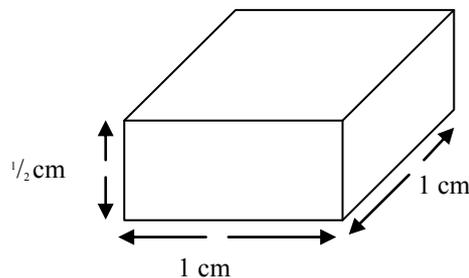
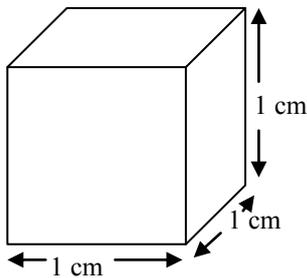
44. Find the **word** in the **last verse** of the poem that means **mistakes**. Write your answer in the space below.

45. Look at the **2 calculations** below. Complete each calculation by writing the correct number in the space below.

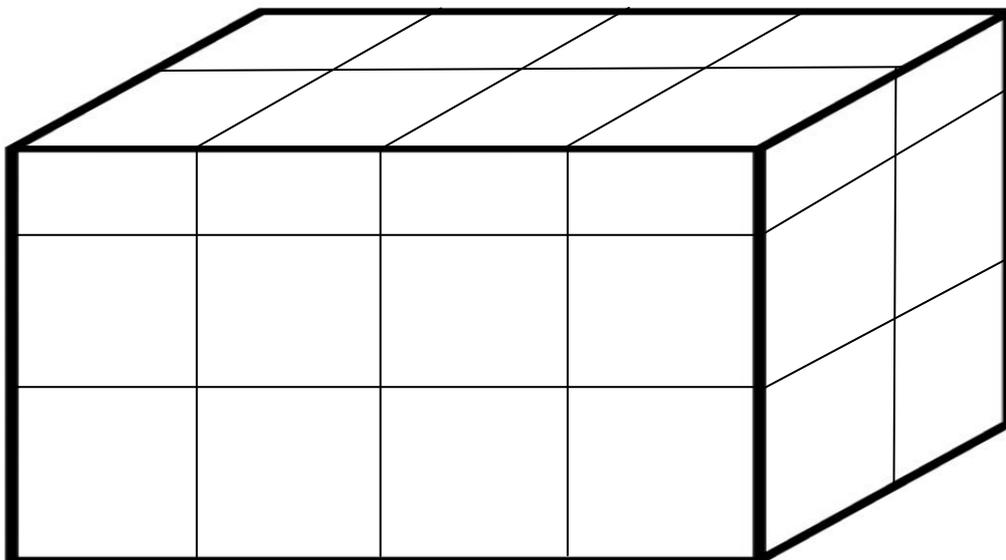
(a) $8^2 + 31 =$ _____

(b) $6^2 - 13.1 =$ _____

46. Aine plays with black blocks and white blocks. Look at the black block and the white block below. The black block is a cube and the white block is a cuboid.



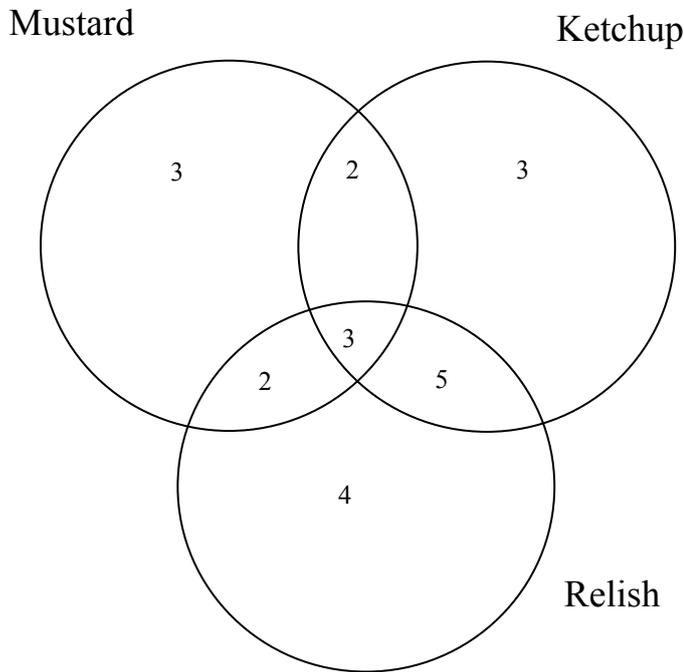
Aine uses the block to build the structure below. The structure has two layers of black blocks and a layer of white blocks on top.



What is the **volume** of the structure? Write your answer in the space below.

_____ cm^3

47. P6 pupils are having hot dogs for lunch. Each pupil can choose from three sauces to put on top of their hotdogs; mustard, ketchup or relish. The Venn diagram below shows the choices of hotdogs toppings chosen by the P6 pupils.



How many pupils did not have relish on their hotdogs?

Write your answer in the space below.

_____ pupils

48. I face **East**. I turn **135° anti-clockwise**. In what direction do I now face? Tick the correct answer.

South-East

South-West

North-East

North-West

49. The **10 numbers** below show the number of rubbers in the pencil cases of 10 primary school pupils.

4 2 5 3 6 3 7 2 0 8

What is the **mean** (average) number of rubbers?

Write your answer in the space below.

_____ rubbers

50. Look again at the ten numbers.

What is the **range**?

Write your answer in the space below.

51. The pie chart below shows the favourite hobbies of **120 children**.



The number of children who prefer cycling is 12. **Three times as many** prefer football than the number who prefer cycling. **How many children prefer swimming?** Write your answer in the space below.

_____ children

Mary had stepped close to the robin, and suddenly the gust of wind swung aside some loose ivy trails, and more suddenly still she jumped toward it and caught it in her hand. This she did because she had seen something under it - a round knob which had been covered by the leaves hanging over it. It was the knob of a door.

She put her hands under the leaves and began to pull and push them aside. Thick as the ivy hung, it nearly all was a loose and swinging curtain, though some had crept over wood and iron. Mary's heart began to thump and her hands to shake a little in her delight and excitement. The robin kept singing and twittering away and tilting his head on one side, as if he were as excited as she was. What was this under her hands which was square and made of iron and which her fingers found a hole in?

It was the lock of the door which had been closed ten years and she put her hand in her pocket, drew out the key and found it fitted the keyhole. She put the key in and turned it. It took two hands to do it, but it did turn.

And then she took a long breath and looked behind her up the long walk to see if any one was coming. No one was coming. No one ever did come, it seemed, and she took another long breath, because she could not help it, and she held back the swinging curtain of ivy and pushed back the door which opened slowly, slowly.

Then she slipped through it, and shut it behind her, and stood with her back against it, looking about her and breathing quite fast with excitement, and wonder, and delight. She was standing inside the secret garden.

The Secret Garden, Frances Hodgson Burnett

52. **She put the key in and turned it.**

There are **two verbs** in this sentence. Write the two verbs in the spaces below.

53. What **word** used in the **second paragraph** tells us that over ten years the ivy had **approached the doorknob unnoticed**? Write the word in the space below.
- _____

54. According to the passage, only one of the statements below is correct. Tick the correct statement.

Mary found the doorknob

- after looking for it for a long time
- because the robin showed her where it was
- when the wind blew the ivy away from it
- after she found a keyhole

55. **Based on what you have read**, tick the correct box to show whether the following statements are **true or false**.

- | | True | False |
|---|--------------------------|--------------------------|
| The door had been locked for a decade | <input type="checkbox"/> | <input type="checkbox"/> |
| Mary had a curious nature | <input type="checkbox"/> | <input type="checkbox"/> |
| The door had been locked for a century | <input type="checkbox"/> | <input type="checkbox"/> |
| Mary was horrified when she entered the secret garden | <input type="checkbox"/> | <input type="checkbox"/> |

56. Which phrase in the third paragraph tells us that **the lock had to be opened with force**? Write the phrase in the space below.
- _____

57. Look at the five sentences below. Use your **understanding of the passage** to **put these events in the order in which they happened**. Use the numbers 1 to 5 to show the order. The first event has been done for you.

Mary used the key in the lock	_____
A gust of wind blew the ivy	_____ 1 _____
Mary checked to see if anyone was coming	_____
The door opened slowly	_____
The robin sang	_____

58. Look at the **last paragraph** of the passage. Which **adjective** describes the **garden**? Write your answer in the spaces below.

59. The word **suddenly** is used in the passage. This is an **adverb**. Write the adverb for each of the following words below in the space provided. **Be careful with your spelling**. The first one has been done for you.

sudden	suddenly
unhappy	_____
careful	_____

Answers

- | | |
|--|---|
| 1. $r = 309, s = 14$ | 31. 45, 55 |
| 2. odd and cube = 27, odd and not cube = 9, not odd and cube = 8, even and not cube = 16 | 32. £16.80 |
| 3. 3 minutes | 33. 13° |
| 4. 14.4 | 34. Chris |
| 5. F, F, F, T | 35. 1576, 204 |
| 6. 78p | 36. (1, 9) (7, 1) (9, 9) |
| 7. $\frac{13}{30}$ | 37. humorous |
| 8. 24cm^2 | 38. ride, has / have, worry |
| 9. £1.56 | 39. invents, nonsensical |
| 10. lie, send, bring, is / am | 40. dinner, dire, dirty, disaster |
| 11. dale and plain | 41. bee |
| 12. bravely = adverb, imagination = noun, bad = adjective, engaging = verb | 42. I should not consider them blunders |
| 13. inventive | 43. worried, built, disaster |
| 14. giant | 44. blunders |
| 15. made from lead | 45. a. 95 b. 22.9 |
| 16. different, pleasant, sick, toys | 46. 20cm^3 |
| 17. soldiers, ships, trees, houses | 47. 8 pupils |
| 18. 48 | 48. North-West |
| 19. 27cm^2 | 49. 4 rubbers |
| 20. 47 cups | 50. 8 |
| 21. 6°C | 51. 42 children |
| 22. £16.95 | 52. put, turned |
| 23. 6, 12, 8 | 53. crept |
| 24. 3 days and 18 hours | 54. when the wind blew the ivy away from it |
| 25. line 3 | 55. T, T, F, F |
| 26. line 8 | 56. it took two hands to do it |
| 27. line 11 | 57. 3, 1, 4, 5, 2 |
| 28. line 5 | 58. secret |
| 29. line 7 | 59. unhappily, carefully |
| 30. 28 cards | |