



11+ MATHS TEST

Sample of questions taken from our papers

Actual tests contain 30 written questions

NAME _____

SCHOOL _____

DATE OF BIRTH _____

DATE _____

Instructions to Candidates

1. Do **NOT** start until you are told to do so.
2. Use only a pencil, rubber, ruler and protractor.
3. Calculators are **NOT** allowed.
4. Work through each question in turn.
5. If you cannot do a question, leave it and go on to the next one.
6. All working should be **clearly shown** on the question paper.
7. You will have **30 minutes** to complete the test.
8. You must **stop** when you are told to do so.

1) By how many is 93 400 less than 100 000?

Ans.....

2) $389 + 4569 =$

3) $5 \times 3 - 1 =$ + 4

4) A plank of wood 3.27m long is cut into 6 equal lengths.
What is the length of each piece in cm?

Ans.....

5) What fraction in its lowest terms is equal to 35%?

Ans.....

- 6) On average a bus takes 4 mins between stops.
 If it makes 25 stops after leaving the depot, how long does the journey take?
 Give your answer in hours and minutes.

Ans.....






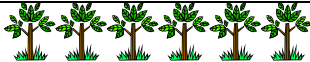
- 7) Write the number three hundred and one thousand and three hundred and three using digits.

Ans.....

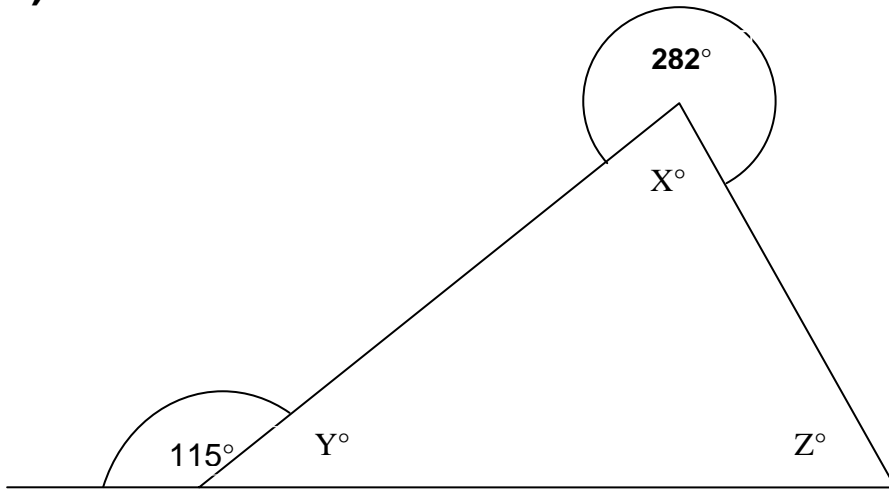
8)

Tony sells trees for a living. The number of trees he sold in one week is illustrated on the pictogram below.

Complete the pictogram, **filling in the missing spaces.**

DAY	PICTOGRAM	NUMBER SOLD
Sun		10
Mon		
Tue		4
Wed		6
Thu		4
Fri		5
Sat		12

9)



Calculate angle x

Ans.....

Calculate angle y

Ans.....

Calculate angle z

Ans.....

10)

Look at the list of numbers below.

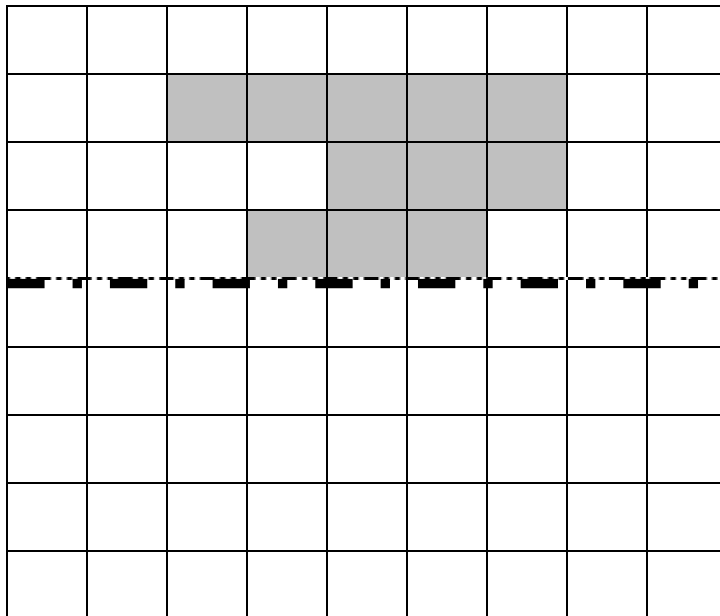
9.995 , 9.095 , 9.195 , 0.954 , 0.905

Put the numbers in order, with the **smallest** first.

Ans.....

11)

Reflect the shape in the mirror line



12)

Look at the list of numbers below:-

15 , 6 , 25 , 13 , 3 , 27 , 9

(a) Which of the above numbers are multiples of 3?

Ans.....

(b) Which of the above numbers are factors of 18?

Ans.....

13)

Fill in the gaps for the sequences below:

(a) $-20, -16, -12,$

(b) $6, 8, 12, 20,$

14)

Find the value of x

a) $3x - 8 = 16$

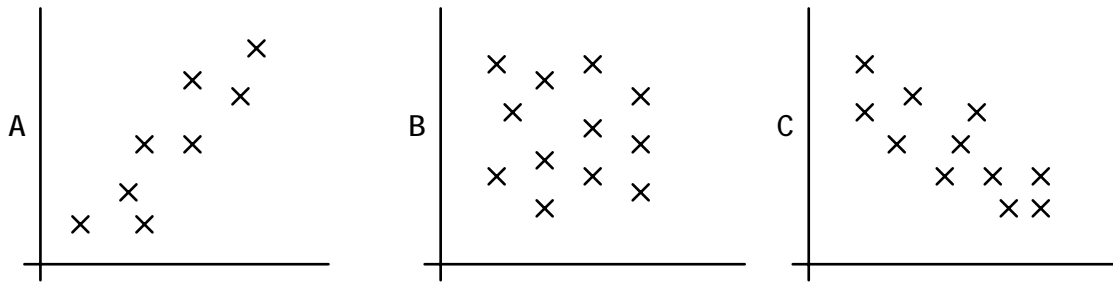
Ans.....

b) $5x + 4 = 24 + x$

Ans.....

15)

Here are three scatter graphs.



Which of the graphs could show:

(a) the weight of people in a lift and the number of people in a lift

Ans.....

(b) the age of a car and the cost of a car

Ans.....

End of Test.
Now go back and check your work

REMEMBER ACTUAL TESTS INCLUDE 30 QUESTIONS

<u>Sample</u>	<u>Mark scheme</u>	<u>Total 25</u>	
			<u>Cao = correct answer only</u>
<u>Question</u>	<u>Answer</u>	<u>Marks</u>	<u>Comment</u>
1	6600	1	Cao
2	4958	1	Cao
3	10	1	Cao
4	54.5 cm	1	Cao
5	7 / 20	1	Cao
6	1 hour 40 mins	1	Cao
7	301 303	1	Cao
8	Mon = 2 , Fri 2 ½ trees drawn	2	1 mark for each part
9	X = 78 Y = 65 Z = 37	1 1 1	1 mark for each
10	0.905 , 0.954 , 9.095 , 9.195 , 9.995	1	Must be in correct order
11	Correct reflection	1	Cao
12 a	15 , 6 , 3 , 27 , 9	2	Subtract 1 mark for each incorrect number
12 b	6 , 3 , 9	2	Subtract 1 mark for each incorrect number
13 a	- 8 , - 4	1	Both must be correct
13 b	36 , 68	2	1 mark for each
14 a	8	1	Cao
14 b	5	1	Cao
15 a	A	1	Cao
15 b	C	1	Cao