Maths 11+ Test

Easier Test (sample)
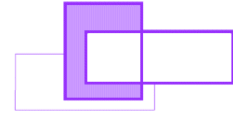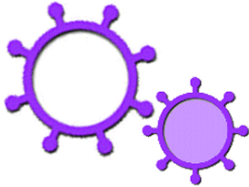
| Name	
Date	
Start Time	
Score	

Instructions:

1. Do not turn over until instructed to do so.
2. This test is in Standard Format, so write your answer in the space provided after each question.
3. If you make alterations you will not lose marks for crossing out.
4. Do not waste time on questions which are too difficult or take too long.
5. You have 50 minutes to complete this test.
6. No calculator allowed.

Chuckra
Educational
w w w . c h u c k r a . c o . u k

1. One foot = _____cm and one inch = _____cm. How many m is 4'11" with no
    rounding?   _____

2. The 7 in 3,271 represents 70
    What value does the 6 in 16,521 represent?   _____

3. A boy buys 6 comics which cost 57p each. How much is the total cost? Give the
    answer in pounds and pence.   _____

4. The graph shows the number of Red Admiral
    butterflies spotted by a class of children in a field
    each day of the week last summer. What is the
    difference between the number of butterflies seen
    on Thursday and on Monday?

                                                                              _____
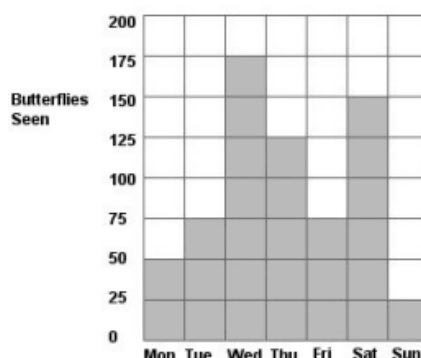
5. Work out 80% of 50   _____

6. Write the number seven thousand and seventy in figures.   _____

7. Zaid bought 6 cards which were all the same price. He was given 58p
    change from one pound. How much did each card cost?
                                                                              _____

8. One foot = _____cm and one inch = _____cm. How many m is 5'2" with no rounding?   _____

9. Which of the following does not have rotational symmetry?
    O I S H E   _____

10. What fraction of 3 hours is 30 minutes? Give the answer in the simplest form.   _____

11. What percentage of the letters are capitals?
    a A A a a a a a A A   _____

12. 300 children go on a school trip to Blackpool. 1/5 of them fall into the water. How
    many children is this?   _____

13. 85 x 1/5   _____

14. What is the figure 1 worth in the number 1532? (This is the same as saying what the digit represents.) _____

15. Below is a table showing the results of some marbles matches in a school competition. How many matches did the purple team not win?

	Won	Lost	Drawn
Red team	3	5	4
Blue team	7	5	3
Purple team	2	9	9

_____

16. The numbers machine below takes a number, triples it and takes 4. What number has been put in?

------------> numbers machine ------------> 38   _____

17. Finish the directions for the car to get to B. Begin with: forward 4, left 90°. You may use 'F' for 'forward', 'L' for 'left' and 'R' for 'right'.
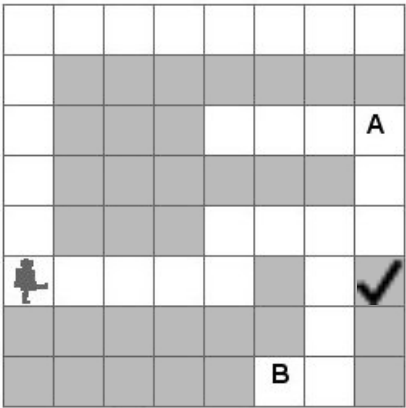
Ans=F4,L90,_____
_____

18. Show 4 hours 35 min with a circle for each hour, and subtract 40 min, showing this on the diagram. What is the new time?   _____

19. There are 36 pupils visiting a museum. 1/6 go to the top floor, 2/6 go to the middle floor, and the rest go to the ground floor. How many go to the ground floor?   _____

20. There are 24 boys and 36 girls in a class. What fraction is boys? Give the answer as a fraction in the simplest form.   _____
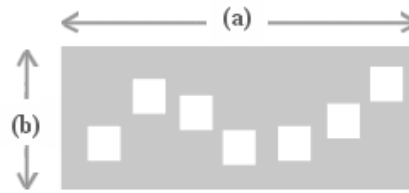
21. Fill in the missing number
$5738 = 5000 + 700 + 30 +$ _   _____

22. Draw a circle, shade in the fraction 3/5, and convert it to a decimal. What is the value of the decimal with no rounding?   _____

23. Which is the number 5,762?
a) five hundred and seventy thousand and sixty-two
b) fifty thousand seven hundred and sixty-two
c) five thousand seven hundred and sixty-two
d) five million seventy thousand and sixty-two
e) five hundred thousand seven hundred and sixty-two
f) fifty-seven thousand and sixty-two
g) fifty-seven thousand six hundred and two.   _____

24. Write the number below in figures.
three million, fifty-six thousand, seven hundred and seventy

_____

25. The diagram is a plan of Harris's garden which consists of a lawn area with some square flagstones. a=33m, b=5m, and each side of the square flagstones is 1.2m. What is the area of the whole garden (flagstones plus lawn) in square metres? (The diagram is not to scale.)

_____

26. A book at Manchester Airport costs $9 and the price in pounds is £4. How much would a book which cost £8 cost in dollars?

_____

27. Shannon doubles her cousin's age and then adds 5. The result is 17. How old is her cousin?

_____

28. A farmer has some eggs in a basket. A cow slips in some mud and bangs the farmer who loses half the eggs. He goes back and collects some more but he can only find 12 more to put in the basket. When he shows his wife the basket there are only 64 eggs. How many did he start with?

_____

29. A girl has five 50-pence pieces, six 20-pence pieces, six 10-pence pieces, and four 2-pence pieces. How much money does she have altogether?

_____

30. 27 toy ants can fit in one box. How many boxes are needed to hold 413 toy ants?

_____

31. Which item in the list below has a weight closest to 200 g?
(a) a bucket full of water   (b) a sugar lump
(c) a 200 mls drink of orange   (d) a Year 6 child   (e) a new-born baby

_____

32. Write this number in words: 4110   Ans =

_____

33. How many sixes are there in 4452?

_____

34. Convert 3'11" to metres. Use 1 foot = 30.5cm and 1 inch = 2.5cm

_____

35. The diagram is a plan of a garden which consists of a lawn area and a square pond. a=20m, b=6m, and each side of the square pond is 300cm. What is the area of the lawn in square metres? (The diagram is not to scale.)

_____

36. Write the number 8025 using words.   Ans =

_____

37. Select the container from the following list which will contain approximately 5 mls: a bucket, a teaspoon, a big teapot, a milk bottle (one pint), a small bath or a swimming pool.

Answer=_____

38. There are 760 tadpoles in a pond. 169 have legs and the rest have tails. How many have tails?

_____

39. A farmer has 5.5 acres of land and he can keep 100 hens on each acre. How many hens can he keep altogether?

_____

40. A class buys 25 tickets to go and see 'Joseph'. Each ticket costs £32.30. How much will the total cost of all the tickets be?

_____

41. 541 prizes are handed out to the winners of the quietest class competition. 211 are tickets to visit a farm, 31 are a meal at Frankie and Benny's restaurant, and the rest are a visit to the cinema to see the film 'The Cat in the Hat'. How many children win the cinema tickets?

_____

42. What is the figure 9 worth in the number 9,876,147? (This is the same as saying what the digit represents.)

_____

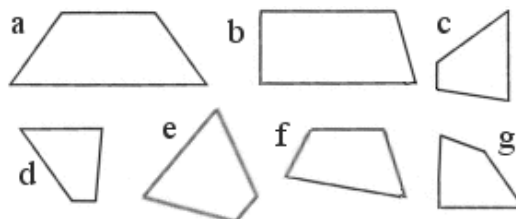43. The arrow is facing forward, so that if it went F1 it would end up at square (3,6).
Give the co-ordinates of the square that the arrow will end up on if it follows the commands:
F2 R90 F2 R90 F3 L90 F3.

Key: F=forward, L=left, and R=right.
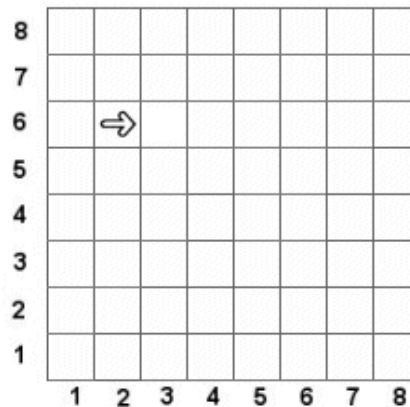
Ans=(_____,_____)

44. Which shape or shapes are trapeziums with no right angles? Write 'none' or give one or more letters for the answer.

_____

45. There are 12 eggs in a dozen. This is because of the way circles fit together when they are packed. How many eggs are there in 1.25 dozen?

_____

46. How many months in a year?

_____

47. Some unusual houses were made for a theme park by cutting the top off a shape to make the front outline of a house. The shapes used were five regular shapes and a rectangle. The line for the cut was made by drawing a line between two vertices. The results are shown in the diagram. Only one house front has 6 obtuse angles. Which one is it? (An angle larger than 180° is a reflex angle).

_____
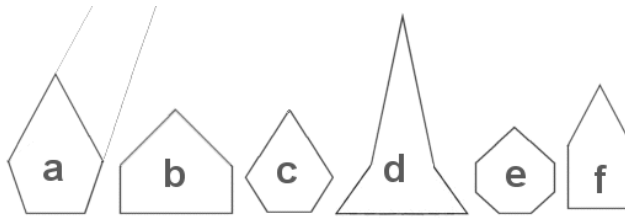
48. How many of these letters have rotational symmetry?

Z   O   H   N   S   L

_____

49. A girl manages to buy some drinks and sweets for a low price because they are past the sell-by date. she buys 20 sweets which cost 7p each and 5 drinks which cost 33p each. How much does the total cost? Give the answer in pounds and pence

£___.___

50. What percentage of these letters are not capitals?

a A A a a a a a A A

_____

1 30.5   2.5   1.495 m
2 6000
3 £3.42
4 75
5 40
6 7070
7 7p
8 30.5   2.5   1.575 m
9 E
10 1/6
11 40%
12 60
13 17
14 1000
15 18
16 14
17 F1 R90 F2 R90 F3 R90 F1
18 3 hours 55 min
19 18
20 2/5
21 8
22 0.6
23 c
24 3,056,770
25 165 square metres
26 $18
27 6
28 104
29 £4.38
30 16
31 c
32 4110 in words
33 742
34 1.19 m
35 111 square metres
36 8025 in words
37 A teaspoon
38 591
39 550
40 £807.50
41 299
42 9,000,000
43 (1,1)
44 a c e
45 15
46 12
47 e
48 5 <-a number for the answer (Z O H N S)
49 £3.05
50 60%