



KING'S COLLEGE JUNIOR SCHOOL
WIMBLEDON

SPECIMEN PAPER

GROUP A

MATHEMATICS

Time Allowed: 40 minutes

Name: _____

In questions 1 to 23 work out the answers and write your answers on the line.

You can show your working if you wish to do so.

SHOW YOUR WORKING HERE
(IF YOU WISH)

1) $7 + 4 =$ _____

2) $16 - 9 =$ _____

3) $8 \times 2 =$ _____

4) $15 \div 5 =$ _____

5) $12 + 8 =$ _____

6) $48 \div 2 =$ _____

7) $9 \times 5 =$ _____

8) $130 \div 10 =$ _____

9) $23 + 38 =$ _____

10) _____ $\div 2 = 6$

11) _____ $- 9 = 20$

12) $23 - \underline{\hspace{2cm}} = 17$

13) $30 \div \underline{\hspace{2cm}} = 6$

14) $32 + 6 = 40 - \underline{\hspace{2cm}}$

15) $8 + \underline{\hspace{2cm}} + 9 = 30$

16) Victoria has 33 sweets. She gives 8 of them away.
How many sweets does she have left?

17) A large chocolate bar costs 50 pence.
How much do 4 bars of chocolate cost?

18) In a bag there are 20 wine gums. They are shared equally between 5 children.
How many wine gums does each child have?

19) James is 30cm shorter than his brother Mark. James is 120cm tall.
How tall is Mark?

- 20) George has 17 pence. Alex has 21 pence more than George.
How much money does Alex have?

If George and Alex put their money together to buy a Hot Dog,
how much money would they have?

The Hot Dog costs 52 pence.
How much money would they have left?

How much would three hot dogs cost?

- 21) There are 45 children going to the theatre.
If each minibus can carry 8 children
how many minibuses are needed to get the children there?

- 22) Mark has £26 and Sue has half as much money as Mark.
How much money do they have together?

- 23) Everyday John leaves home at 8:45. It takes him 15 minutes to get to school.
What time does he get to school?

24) Here are 3 numbers

5 30 6

Use **all** the numbers each time to complete these:

$$\boxed{5} \times \boxed{6} = \boxed{30}$$

$$\boxed{6} \times \boxed{} = \boxed{}$$

$$\boxed{} \div \boxed{} = \boxed{6}$$

$$\boxed{} \div \boxed{6} = \boxed{}$$

25) Join two numbers which total 100?

81 47

56

26

22 74

15

26) Write the correct sign in the box (+ , - , x , ÷)

a) 58 26 = 84

b) 43 17 = 26

c) 9 5 = 45

d) 35 5 = 7

27) Continue these number patterns

4 , 8 , 12 , 16 , 20 , _____ , _____

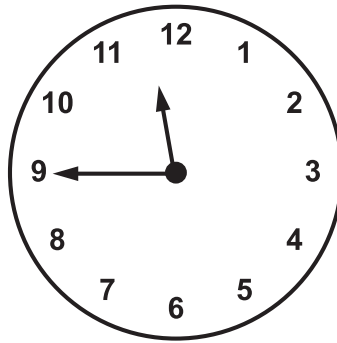
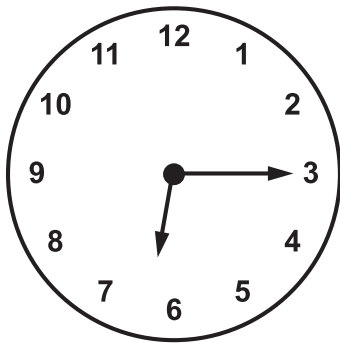
7 , 13 , 19 , 25 , 31 , _____ , _____

22 , 19 , 16 , 13 , 10 , _____ , _____

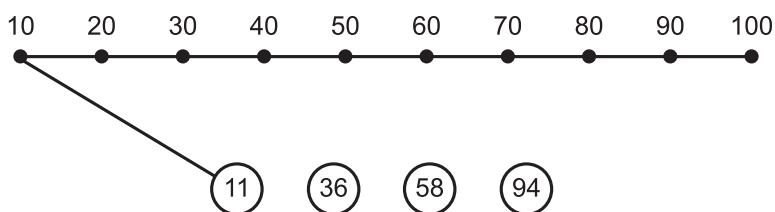
28) List the coins you could use to make 76p.



29) Write the times on the two clocks on the line below, in digits.



30) Draw a line from the circled number to the nearest ten on the number line.
The first has been done for you.



31) Look carefully at this pattern

| | |
|---|---|
| * | |
| * | ■ |

What fraction of this grid is grey?

What fraction of this grid has a shape in it?

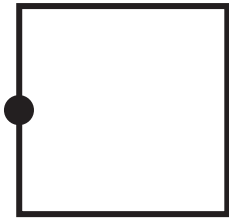
What fraction of this grid has a square in it?

What fraction is white and has a star in it?

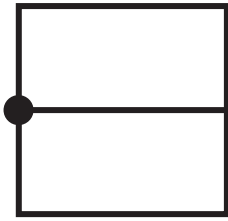
32) Using the numbers 1 to 9 once only, fill this magic square so that the 3 numbers in each line add up to 15.

| | | |
|---|---|---|
| 8 | | |
| | 5 | 7 |
| 4 | | 2 |

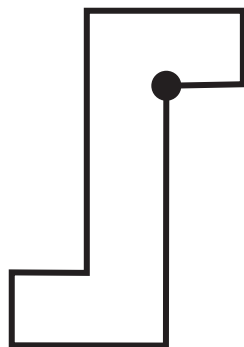
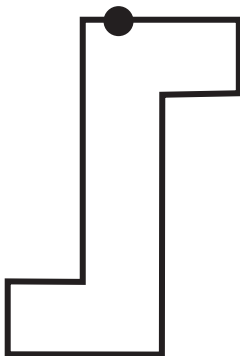
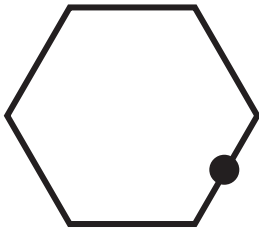
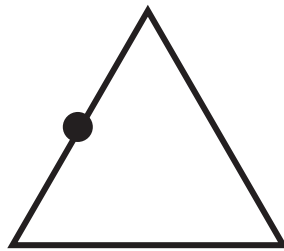
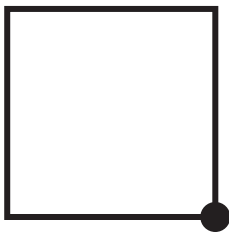
33) On the following shapes draw a straight line through the dot. The line must cut the shape in two equal halves.



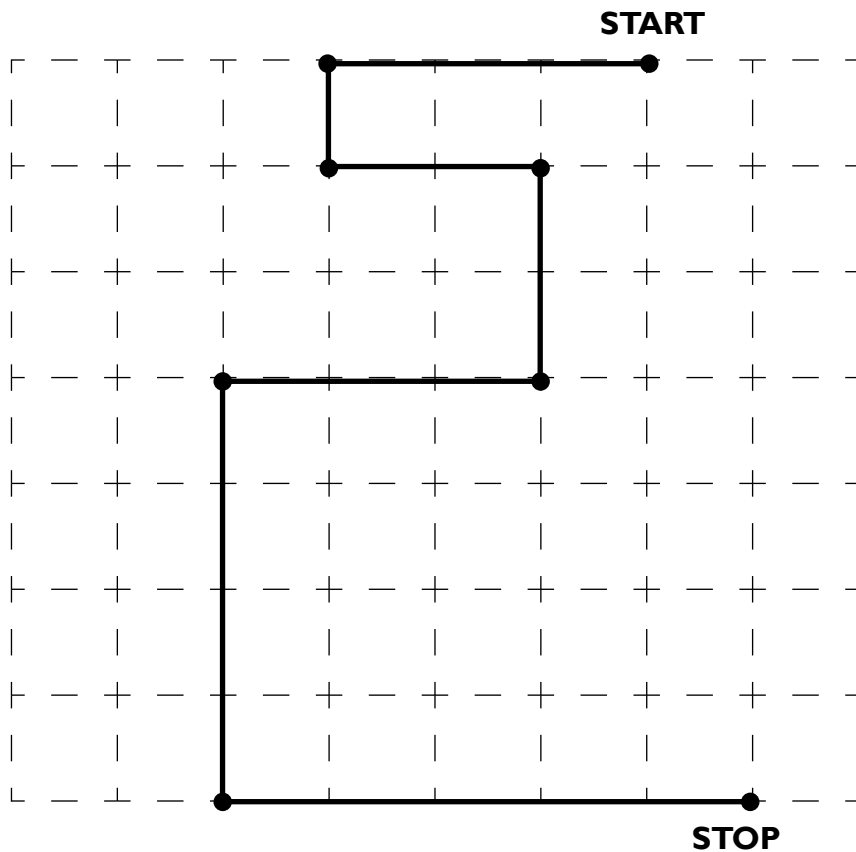
Example



The line would go here



34) Tim slid his finger along this route from START to STOP.



He started writing how his finger moved.

Complete the moves.

LEFT 3 squares

DOWN 1 square

NOW GO BACK AND CHECK ALL YOUR ANSWERS