The King's School
and
The Junior King's School
Canterbury

Entrance Examinations (11+) 2014
MATHEMATICS
45 minutes

INSTRUCTIONS

- Read each question carefully
- All working out must be shown on this paper in the spaces provided
- Marks WILL be awarded for neat and appropriate working
- Ensure that you leave time at the end to check your work
- **Where appropriate, remember to show the units of measurement in your final answer**
- The marks for each question are shown in brackets on the right of each page

CALCULATORS ARE NOT ALLOWED

NAME: .....

PRESENT SCHOOL: .....

Q1) Write in figures the number five million

..... (1)

Q2) Write in figures the number three hundred and seventy nine thousand, four hundred and eighty seven

..... (1)

Q3) Multiply the following numbers by 1000:

(a) 7

.....(1)

(b) 56

.....(1)

(c) 0.34

.....(1)

Q4) 4185 + 4338

.....(2)

Q5) 9044 – 7016

……..……(2)

Q6) 4278 × 6

……..……(2)

Q7) 126 × 23

……(2)

Q8) £499.75 ÷ 5

.....(2)

Q9) 23.6 × 7

.....(2)

Q10) 8299 pound coins are shared equally between 12 people.

(a) How many pound coins does each person receive?

.....(2)

(b) How much money is left over?

.....(1)

Q11) Write all of the prime numbers less than 20

.....(3)

Q12) Find, and list in ascending order, all of the factors of the number 36

.....(3)

Q13) Write 72 as a product of prime factors.

..... (3)

Q14) Find 40% of £800

.....(2)

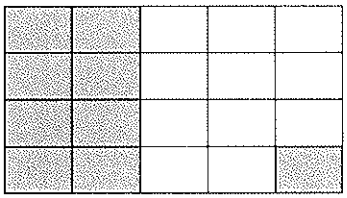
Q15) Find $\frac{3}{5}$ of 45

..... (2)

Q16) Three quarters of a number is 27. What is the number?

.....(2)

Q17) What percentage of the following shape is shaded?



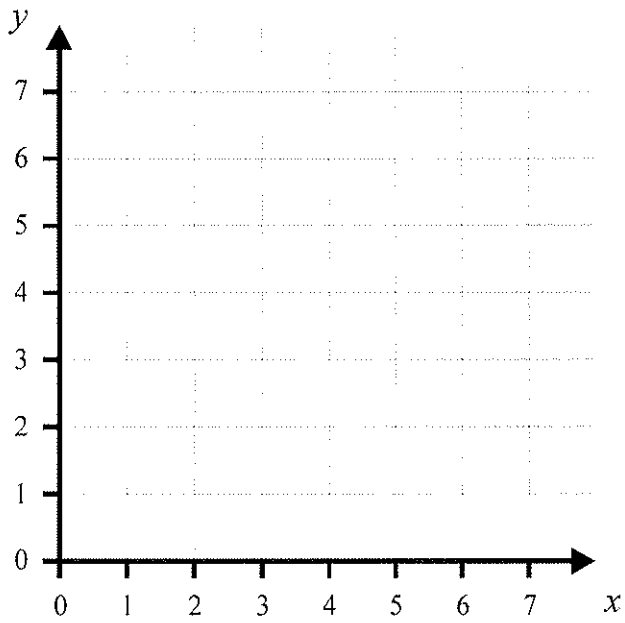
.....(2)

Q18) 235 school pupils are going on a school trip to Whitstable. They are travelling in minibuses each of which carries 16 pupils. How many minibuses are needed to transport the pupils?

.....(2)

Q19) Plot the following co-ordinates on the grid below and join them using straight lines:

A (2, 2) B (6, 3) C (2, 4)



(2)

Q20) What is the name of the shape that you drew in Q19?

…… (1)

Q21) Find all of the common multiples of 4 and 6 which are less than 100

……(2)

Q22) After tennis training, Andy collects twice as many balls as Roger and five more than Maria. They collect 35 balls in total. How many balls does Andy collect?

.....(3)

Q23) Usain runs twice as fast as his mum. His mum runs five times as fast as his pet tortoise, Turbo. They all set off together for a run down the same straight path. When Usain has run 100 m, how far apart are his mum and Turbo the tortoise?

..... (3)

END OF TEST
TOTAL = 50 MARKS