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

Entrance Examinations (11+) 2013
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
- The marks for each question are shown in brackets on the right of each page

CALCULATORS ARE NOT ALLOWED

NAME: ....

PRESENT SCHOOL: ....

Q1) Place these numbers in order, starting with the smallest

$$2013 \quad 2.013 \quad 0.2013 \quad 20.13 \quad 201.3$$

………… , ………… , ………… , ………… , ………… (2)

Q2) Calculate the following:

(a) 489 + 435

………… (2)

(b) 7046 – 717

………… (2)

(c) 126 × 23

.............(2)

(d) £199.95 ÷ 5

.............(2)

Q3) Divide £7296 equally between 12 people

.............(2)

Q4) Find, and list in ascending order, all of the factors of the number 48

.................................(3)

Q5) Write 90 as a product of prime factors.

.... (3)

Q6) Find 35% of £700

.....................(2)

Q7) Bert has 24 doughnuts. He eats $\frac{3}{8}$ of them. How many doughnuts are left?

.... (2)

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Q8) One quarter of a number is ten. What is the number?

.....................(2)

Q9) Which has the BIGGEST answer?

7 × 4   **6 × 5**   **2 × 5**   **15+16**   **½ of 60**
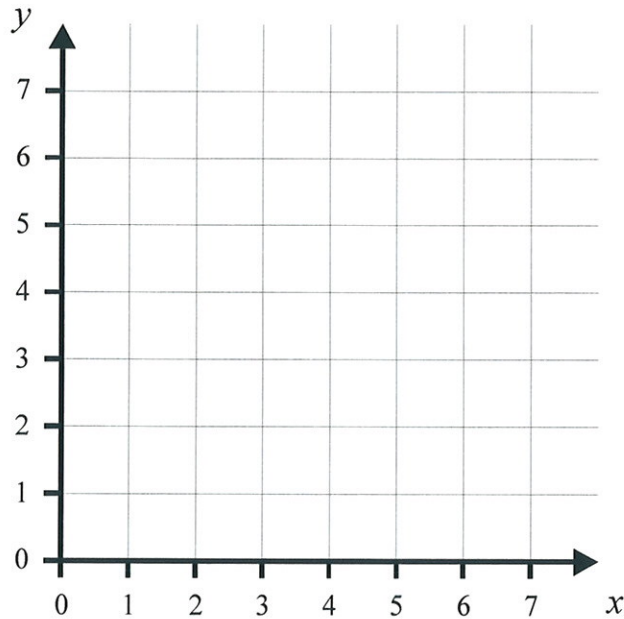
.....................(2)

Q10) Add together 3.456, 34.56 and 3456

.... (2)

Q11) Plot the following co-ordinates on the grid below and join them using straight lines:

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

(2)

Q12) What is the name of the shape that you drew in Q11?

.... (1)

Q13) It takes Betty 45 minutes to knit a scarf. How long will it take her to knit 6 scarves?

.................(2)

Q14) Cecil is bowling. He scores 9 points for the first skittle that he knocks over, 8 points for the second, 7 points for the third and so on.
If he knocks over exactly six skittles, how many points does he score altogether?

..................(2)

Q15) A rectangle measures 6cm by 4cm. A regular pentagon has the same perimeter. How long are the sides of the regular pentagon?

....................(2)

END OF TEST
TOTAL = 40 MARKS