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 2.013 0.2013 20.13 201.3

…… , …… , …… , …… , …… (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)

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

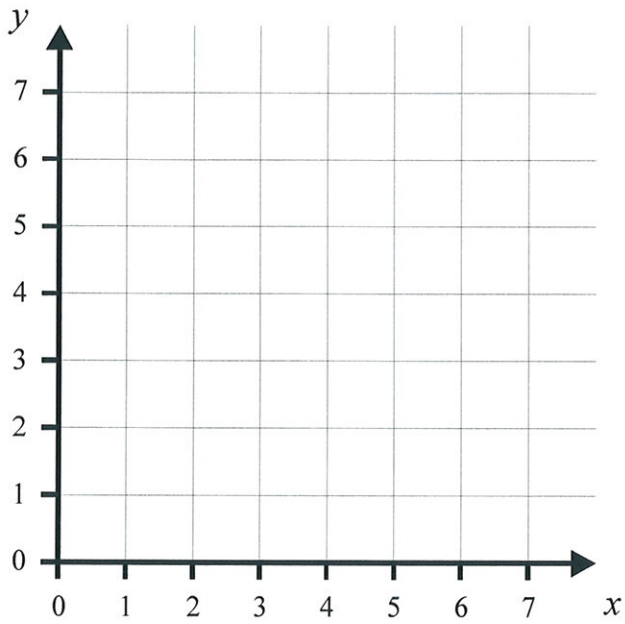
.....(2)

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