KING'S COLLEGE SCHOOL

WIMBLEDON

11+ for 2022 entry

Pre-test for 2024 entry

Specimen Paper 2022

MATHEMATICS

50 minutes

to complete **both** Section A **and** Section B

SECTION A

You are advised to spend approximately 20 minutes on this section.

1.   Do all your written work on this question paper.

2.   Calculators must not be used.

3.   Attempt all questions in Section A.

Surname: ....

First names: ....

1.   Find the sum of 337 and 765.

Answer: _____

2.   Find the difference between 9347 and 2985.

Answer: _____

3.   Write £87 to the nearest £5.

Answer: _____

4.   Write 3284mm in metres.

Answer: _____

5.   What is the value of the 6 in the decimal 0.264?

Answer: _____

6.   Calculate how many seconds there are in $15 \frac{1}{2}$ hours.

Answer: _____

7.   Find the mean average of 8, 11, 15, 26.

Answer: _____

8.   How many thousands are there in one million?

Answer: _____

9.   Write down the next fraction in the sequence: $\frac{5}{8}$, $\frac{10}{16}$, $\frac{15}{24}$.

Answer: _____

10.   Add half a million to fifty thousand.

Answer: _____

11.   How much is three-sevenths of 196?

Answer: _____

12.   Give all numbers which are factors of both 32 and 24.

Answer: _____

13.   Write down a number between 0.3 and $\frac{2}{5}$.

Answer: _____

14.   If you are facing South, what is the smaller angle you have to turn through to face North-East?

Answer: _____

15. Find 4% of £5300.

Answer: _____

16. If it is -26.5°C in Canada and 34.5°C in Australia, what is the difference in temperature?

Answer: _____

17. A train leaves Waterloo at 11.35 and arrives in Portsmouth after one hour and thirty-eight minutes. When does it arrive?

Answer: _____

18. What is the smallest number that 2, 3, 6, 10 will all go into exactly?

Answer: _____

19. Give an example of an event which has a probability of about $\frac{1}{2}$.

Answer: _____

20. Find the greatest number of 28p stamps which can be bought for £5.

Answer: _____

END OF SECTION A