Reigate Grammar School



13+ Entrance Examination November 2015

MATHEMATICS

Time allowed: 20 minutes

NAME.....

- Work through the paper carefully
- You do not have to finish everything
- Do not spend too much time on any single question
- Show any working in the spaces provided
- Use the blank left hand pages for rough work
- You may not use a calculator

PAGE 1 ANSWER ALL QUESTIONS IN THE SPACES PROVIDED, SHOWING ANY NECESSARY WORKINGS

2015 + 888 =	2015 – 888 =	What is 2015 x 1000?	DO NOT WRITE IN THIS BOX
			1
			1
Hee your provious	Lice vous provious	Heavour provious	1
Use your previous answer to write down 2015 x 250	Use your previous answer(s) to write down 2015 x 750	Use your previous answer to write down 2015 x 7.5	1
			1
			1
2015 - 7 =	2015 - 70 =	2015 - 700 =	
			1
			1
			1
Given that 41 x 271 =	What is 5 x 19 ?	What is 8000 ÷ 100?	
11111			1 1
			1
What is 11111 ÷ 41?	What is 50 x 190?	What is 8000 ÷ 400?	1
			1
What is 22222 ÷ 271?			1
	What is 0.5 x 0.19?	What is 8000 ÷ 50?	1 1
	Wildt 13 0.3 A 0.13:	Wildt is boot 7 50:	1
What is 99999 ÷ 123?			

PAGE 2

	T	I	DO
Which of these three is	What is 10% of £90?	Find one sixth of 540	NOT WRITE
the largest and which is			IN THIS
the smallest?			вох
_	What is 30% of £90?		1
35% 0.42 $\frac{2}{5}$			1
	What is 5% of £90?		1
		Use your answer to find	1
		five sixths of 540	1
	Han warm amanuama ta	live sixtlis of 540	1
Largest =	Use your answers to		_
	find 35% of £90		1
Smallest =			
			1
Add together	Joubert is 15 years old.	Write down a	
	Jessel is 25 years old.	percentage between	1
1	Norbert is four times as	0.7 and 0.8	1
$\frac{1}{4}$ of 60		0.7 and 0.8	1
	old as Joubert.		1
$\frac{3}{5}$ of 25	1		
5	Egbert is $\frac{1}{3}$ of Norbert's		1
1	3		1
and $\frac{1}{2}$ of 11	age.	Write down a fraction	1
		between 90% and 95%	_
			1
	What is their total age?		
			1
What are the next two	Put these decimals in		
numbers in each of	order, starting with the		2
these series	largest.	What fraction of this	2
		flag is shaded?	
3, 9, 27, 81,	0.6, 0.508, 0.09	liag is silaucu:	
			1
		11	
		How many more	
and		rectangles need to be	1
		shaded to fill $\frac{2}{3}$ of the	
1, 2, 3, 5, 8, 13,		3	1
		flag?	
and			
and			

PAGE 3

Work out $\frac{1}{4} + \frac{3}{20}$	Work out $\frac{19}{21} - \frac{4}{7}$	Add together the following, giving your answer as a DECIMAL 20%, 1.47 and $\frac{3}{5}$	DO NOT WRITE IN THIS BOX
			1 1
What is the hisparet	NA/hot is the small set	Circle to the property of the party	1 1 1
What is the biggest number that divides exactly into 39, 91 and 52?	What is the smallest number that 4, 6, and 7 all divide into?	Find two numbers that have a difference of 7 and add up to 35	1
,			1
What is 0.3 written as a fraction?	What is $\frac{1}{8}$ written as a decimal?	Name the shapes below	1 1 1
What is 0.03 written as a fraction?	What is $\frac{1}{800}$ written as a decimal?		1 1 1
What is 0.33 written as a fraction?	What is $\frac{3}{800}$ written as a decimal?		1 1