PLATINUM CHALLENGE BOOK

NAME:……

CLASS:……

Factor Pairs	Practise 1	Practise 2	Checked
100:			
90:			
80:			
75:			
70:			
60:			
50:			
40:			
30:			
25:			
20:			

Prime Numbers to 30				
Write out your Prime Numbers	Practise 1	Practise 2	Practise 3	Checked

Write out your Squared Numbers to 12

1^2			Checked by:
2^2			
3^2			
4^2			
5^2			
6^2			
7^2			
8^2			
9^2			
10^2			
11^2			
12^2			

Write out your cubed numbers to 6

	Practise 1	Practise 2	Checked
1^3			
2^3			
3^3			
4^3			
5^3			
6^3			

Definitions: Learn these and tell them to an adult

Squared: Multiply a number by itself.

Cubed: A number that is multiplied by itself three times.

Checked:

Write these decimals as fractions

$\frac{1}{10} =$ $\frac{1}{2} =$ $\frac{1}{4} =$ $\frac{2}{5} =$

$\frac{3}{5} =$ $\frac{3}{4} =$ $\frac{9}{10} =$ $\frac{1}{5} =$

Tick when you have practised.

Practise 1:	Practise 2:	Practise 3:	Checked:

Write these decimals as percentages

	Practise 1	Practise 2	Practise 3	Checked
0.1				
0.2				
0.3				
0.4				
0.5				
0.6				
0.7				
0.8				
0.9				
0.25				
0.75				
0.01				
0.02				

Definition: Per cent relates to number of parts per hundred. (Tell this to an adult)

Write these percentages as fractions

	Practise 1	Practise 2	Practise 3	Checked
1%				
50%				
25%				
75%				
10%				

Units of Measure:

	Practise 1	Practise 2	Practise 3	Checked
1 litre= ….. millilitres				
1 kilometre= ……. meters				
1 meter= …… centimetres				
1 kilogram= ……. grams				

Multiplying decimals by a number

	Practise 1	Practise 2	Practise 3	Checked
0.1 x 5=				
0.2 x 5=				
0.3 x5=				
0.4 x5=				
0.5 x 5=				
0.6 x 5=				
0.7 x 5=				
0.8 x 5=				
0.9 x 5=				

	Practise 1	Practise 2	Practise 3	Checked
0.1 x 4=				
0.2 x 4=				
0.3 x4=				
0.4 x4=				
0.5 x 4=				
0.6 x 4=				
0.7 x 4=				
0.8 x 4=				
0.9 x 4=				

	Practise 1	Practise 2	Practise 3	Checked
0.1 x 3=				
0.2 x 3=				
0.3 x3=				
0.4 x3=				
0.5 x 3=				
0.6 x 3=				
0.7 x 3=				
0.8 x 3=				
0.9 x 3=				

	Practise 1	Practise 2	Practise 3	Checked
0.1 x 6=				
0.2 x 6=				
0.3 x6 =				
0.4 x6=				
0.5 x 6=				
0.6 x 6=				
0.7 x 6=				
0.8 x 6=				
0.9 x 6=				