



Welcome to our Parents Workshop:
Mathematics in Year 6




Nov 6-18:01

Year 6


Secondary Ready



KS2 MATHS SAT




Nov 7-08:56




Calculation

- Fundamental ideas about place value and having a repertoire of mental calculation strategies is essential for formal written methods.

Mental calculations (manipulating numbers in your head) are really important.



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What Teachers do...

- * Key vocabulary pulled out - developing pupil maths talk
- * Practical - visual model - numbers - in context
- * Top Tips & model calculation - on display
- * Suitable challenges and support always available.

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Addition

$64,322 + 7,095 = 71,417$


Tn	Th	H	T	O
6	4	3	2	2
+				
	7	0	9	5
<hr/>				
	7	1	4	1
			7	

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Addition

O. t h

Item	Cost
Shirt	£8.76
Shorts (1 pair)	£5.95
Socks (1 pair)	£4.15



Altogether how much does the complete football kit cost?

18.85

8.75
 + 5.95
 + 4.15

 18.85

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Subtraction $3.27 - 0.95 = 2.32$

	O	t	h	
2	3	2	7	
	-	0	9	5
	<hr/>			
	2	3	2	

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Choosing efficient methods...

$4005 - 3998 = 7$

3998	4000	4005
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+2 +5

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Multiplication

$8502 \times 5 = 42,510$ $1926 \times 74 = 142,524$

Th	H	T	O	
8	5	0	2	
x				
5				
<hr/>				
4	2	5	1	0

Th	H	T	O		
1	9	2	6		
x					
7				4	
<hr/>					
1	3	4	8	2	4
<hr/>					
1	4	2	5	2	4

extend by applying to decimals

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Division $187 \div 3 = 62 \text{ r } 1$

3	6	2	r	1
3	1	8	7	
<hr/>				
1	2	1	5	
<hr/>				
1	8			
<hr/>				
1	8			
<hr/>				

$62 \frac{1}{3}$

$62 \text{ r } 1$

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Division $725 \div 29 = 25$

2	9	2	5	
2	9	7	2	5
<hr/>				
5	8	0		
<hr/>				
1	4	5		
<hr/>				
1	4	5		
<hr/>				

After SATs we will teach long division in preparation for Secondary School.

29
29
58
87

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