## **Excel Algebra**

For each of these screenshots:

- 1. Write down the calculation that will be done using proper mathematical symbols  $(eg +, -, \times, \div)$ .
- 2. Work out the number that will be shown in the cell.

	Α	В	С	D	E		Α	В	С	D	E
1		6	7	7 9	100	1	Ī	6	7	9	100
2	10					2	10				
3	5			=C1+D1+E1	i	3	5				
4	6					4	6		=C1+B1-E1		
5	2					5	2				
1 2	A 10	<b>B</b> 6	C 7	D 9	E 100	1 2 3	A 10 5	В 6	C 7	D 9 = A3*D1-C1	E 100
4	6					4	6				
5	2					5	2				
-					_			_	_	_	
4	Α	В	С	D	Е	4	Α	В	С	D	E
1		6	7	9	100	1		6	7	9	100
2	10				- 1	2	10				
3	5			=A3*(D1-C	1)	3	5			=E1/A3	
5	6					5	6 2				
	A	В	С	D	E		A	В	С	D	E
1		6	7		100	1		6	7		100
2	10		•		100	2	10		,	,	100
3	5			=A2^A5		3	5				
4				1 12		4	6				
5	6 2					5	2		=sum(A2:/	Δ5)	
	A	В	С	D	E		A	В	C	D	E
1	-	6	7		100	1		6			100
2	10	0	/	3	100	2	10	0	,	3	100
3	5					3	10 5 6 2				-
4	6					4	5				-
5	2		-product/	C1:E1\		5	2		-^2//^2*	^5\±D1 C1	
,	2		=product(	7		-	2		-M2/ (M3 )	A5)+B1-C1	

## **Excel Algebra SOLUTIONS**

For each of these screenshots:

- 1. Write down the calculation that will be done using proper mathematical symbols  $(eg +, -, \times, \div)$ .
- 2. Work out the number that will be shown in the cell.

	Α	В	С	D	E		Α	В	С	D	Е		
1		6	7	9	100	1	Ī	6	7	9	100		
2	10					2	10						
3	5			=C1+D1+E1		3	5						
4	6					4	6	=	-C1+B1-E1				
5	2					5	2						
7 + 9 + 100 = 116							7 + 6 - 100 = -87						
	Α	В	С	D	E		Α	В	С	D	Е		
1	<u>[</u>	6	7	9	100	1		6	7	9	100		
2	10	-A2*B1				2	10						
3	5					3	5		=	=A3*D1-C1			
4	6					4	6						
5	2					5	2						
$10 \times 6 = 60$							$5 \times 9 - 7 = 38$						
	Α	В	С	D	Е		Α	В	С	D	E		
1		6	7	9	100	1		6	7	9	100		
2	10					2	10						
3	5			=A3*(D1-C1	)	3	5		:	=E1/A3			
4	6					4	6						
5	2					5	2						
		5(9	- 7) = 1	0			10	$0 \div 5 = 2$	$0  or  \frac{1}{2}$	$\frac{00}{5} = 20$			
4	Α	В	С	D	E	4	Α	В	С	D	E		
1		6	7	9	100	1		6	7	9	100		
2	10					2	10						
3	5			=A2^A5		3	5						
4	6					4	6						
5	2					5	2	=	sum(A2:A	5)			
$10^2 = 100$						10 + 5 + 6 + 2 = 23							
4	Α	В	С	D	Е	4	Α	В	С	D	Е		
1		6	7	9	100	1		6	7	9	100		
2	10					2	10						
3	5					3	5						
4	6					4	6						
5	5 = product(C1:E1)						5 =A2/(A3*A5)+B1-C1						
$7 \times 9 \times 100 = 6300$						$10 \div (5 \times 2) + 6 - 7 = 0$ or $\frac{10}{5 \times 2} + 6 - 7 = 0$							