

Excel Algebra

For each of these screenshots:

- Write down the calculation that will be done using proper mathematical symbols (eg +, -, ×, ÷).
- Work out the number that will be shown in the cell.

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

Formula in cell D3: $=C1+D1+E1$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

Formula in cell C4: $=C1+B1-E1$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

Formula in cell B2: $=A2*B1$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

Formula in cell D3: $=A3*D1-C1$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

Formula in cell D3: $=A3*(D1-C1)$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

Formula in cell D3: $=E1/A3$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

Formula in cell D3: $=A2^A5$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

Formula in cell C5: $=sum(A2:A5)$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

Formula in cell C5: $=product(C1:E1)$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

Formula in cell C5: $=A2/(A3*A5)+B1-C1$

Excel Algebra SOLUTIONS

For each of these screenshots:

- Write down the calculation that will be done using proper mathematical symbols (eg +, -, ×, ÷).
- Work out the number that will be shown in the cell.

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

$$7 + 9 + 100 = 116$$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

$$7 + 6 - 100 = -87$$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

$$10 \times 6 = 60$$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

$$5 \times 9 - 7 = 38$$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

$$5(9 - 7) = 10$$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

$$100 \div 5 = 20 \quad \text{or} \quad \frac{100}{5} = 20$$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

$$10^2 = 100$$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

$$10 + 5 + 6 + 2 = 23$$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

$$7 \times 9 \times 100 = 6300$$

	A	B	C	D	E
1		6	7	9	100
2	10				
3	5				
4	6				
5	2				

$$10 \div (5 \times 2) + 6 - 7 = 0 \quad \text{or} \quad \frac{10}{5 \times 2} + 6 - 7 = 0$$