

Question	Question	Answer
1	<p>a) Explain what each letter of this acronym stands for: B, I, D, M, A, S</p> <p>b) True or false?</p> <p>i) Division calculations should be completed before multiplication.</p> <p>ii) If a calculation contains addition and subtraction, the operations are completed as they occur from left to right.</p>	<p>Orders</p> <p>a) Brackets, Indices, Division, Multiplication, Addition, Subtraction</p> <p>b)</p> <p>i) False - Division and multiplication are completed as they occur from left to right.</p> <p>ii) True</p>
2	<p>Complete these calculations.</p> <p>a) $3 \times (2 + 4)$</p> <p>b) $3 \times 2 + 4$</p> <p>c) $5 \times 6 - 3$</p> <p>d) $5 \times (6 - 3)$</p> <p>e) $9 + 5 \times 4$</p> <p>f) $(9 + 5) \times 4$</p>	<p>a) $3 \times (2 + 4) = 18$</p> <p>b) $3 \times 2 + 4 = 10$</p> <p>c) $5 \times 6 - 3 = 27$</p> <p>d) $5 \times (6 - 3) = 15$</p> <p>e) $9 + 5 \times 4 = 29$</p> <p>f) $(9 + 5) \times 4 = 56$</p>
3	<p>True or false? Explain your answers.</p> <p>a) $7 + 1 \times 25 = 200$</p> <p>b) $5 + 30 \div 5 = 7$</p> <p>c) $40 - 7 \times 4 = 12$</p> <p>d) $9 \times 2 + 3 \times 5 = 105$</p> <p>e) $(9 + 15) \times 3 = 54$</p>	<p>a) False - 32</p> <p>b) False - 11</p> <p>c) True</p> <p>d) False - 33</p> <p>e) False - 72</p>
4	<p>Use the digits 1, 2, 5 and 8 to make at least four different calculations that require an understanding of the order of operations.</p>	<p>Example answers:</p> <p>$2 \times 5 + 1 \times 8 (= 18)$</p> <p>$12 + 8 \times 5 (=52)$</p> <p>$(51 + 8) \times 2 (=108)$</p>

Group	Question	Answer
Group 1	a) $626 \div 2 =$	a) 313
	b) $734 \div 2 =$	b) 367
	c) $702 \div 3 =$	c) 234
	d) $568 \div 4 =$	d) 142
	e) $1,775 \div 5 =$	e) 355
Group 2	a) $1,572 \div 3 =$	a) 524
	b) $1,016 \div 4 =$	b) 254
	c) $3,740 \div 5 =$	c) 748
	d) $1,944 \div 6 =$	d) 324
	e) $2,889 \div 9 =$	e) 321
Group 3	a) $2,580 \div 4 =$	a) 645
	b) $2,790 \div 6 =$	b) 465
	c) $2,975 \div 7 =$	c) 425
	d) $5,400 \div 8 =$	d) 675
	e) $6,183 \div 9 =$	e) 687
Group	Question	Answer
Group 1	a) $2,574 \div 11 =$	a) 234
	b) $1,476 \div 12 =$	b) 123
	c) $2,982 \div 21 =$	c) 142
	d) $7,062 \div 22 =$	d) 321
	e) $6,165 \div 15 =$	e) 411
Group 2	a) $4,096 \div 16 =$	a) 256
	b) $4,488 \div 17 =$	b) 264
	c) $2,628 \div 18 =$	c) 146
	d) $6,764 \div 19 =$	d) 356
	e) $12,350 \div 26 =$	e) 475
Group 3	a) $13,528 \div 38 =$	a) 356
	b) $18,473 \div 49 =$	b) 377
	c) $28,324 \div 97 =$	c) 292
	d) $10,147 \div 73 =$	d) 139
	e) $46,182 \div 86 =$	e) 537