

Using BIDMAS

Section A : Calculate

1) $7 + 8 \times 3$	2) $20 - 4 \times 2$	3) $17 + 3 \times 6$	4) $23 - 18 \div 3$
5) $7 \times 3 - 2 \times 4$	6) $3 \times 6 + 8 \times 2$	7) $8 + 3 \times 2 - 4$	5) $14 \div 2 - 10 \div 5$

Section B: Work out

1) $(3 + 2) \times 4$	2) $3 \times (2 + 6)$	3) $(3 - 2) \times 5$
4) $12 \div (9 - 6)$	5) $(5 + 7) \div 3$	6) $(10 - 6) \times 4$
7) $15 \div 5 - 3$	8) $5 - 2^2 \times 2$	9) $(2 + 5) \times 2^2$
10) $6 - 3 \times 2^3$	11) $10^2 - 5 \times 2$	12) $(8 - 4) \times 3^2$

Section C: Match each question with the correct.

Question	Answer A	Answer B
$2 + 3^2 \times 4$	38	100
$(12 - 3^2) \times 4$	12	324
$4 \times (2 + 3)^2$	400	100
$22 - 2 \times (3^2 + 2)$	0	220
$5 \times 6 - 3^2 \times 2$	1458	12

Section D: Extension

You will need to do this in your exercise books.

Use each of the numbers 2, 3, 7 and 8 and brackets () and the signs +, -, \times , \div to make each of the numbers from 20 to 50. You can use each number just once in each calculation.