



1) Add one pair of missing brackets to each of these calculations to make them correct:

$$8 \times 6 + 12 = 60$$

$$81 \div 6 - 3 = 27$$

$$19 + 14 \times 6 = 198$$

$$36 - 14 + 9 = 13$$

2) Add two pairs of missing brackets to each of these calculations to make them correct:

$$13 \times 5 - 2 = 3 \times 15 - 6$$

$$181 - 27 \div 3 = 17 \times 29 - 19 + 2$$

Brackets	B	B	Brackets
Orders	O	I	Indices
Division	D	D	Division
Multiplication	M	M	Multiplication
Addition	A	A	Addition
Subtraction	S	S	Subtraction



1) Adam has carried out the following calculations.

Look carefully at his calculations and describe the errors he has made with the order of operations.

$$20 - 4 \times 2 + 16 = 48$$

$$6 \times (24 \div 3) - 4 = 10$$

2) a) Yan is solving this word problem. Which of these calculations correctly shows the problem? Explain your reasoning.

A class of 30 children are going on a school trip. The teacher is organising the children into small groups. She decides that each group will be made up of 6 boys and 4 girls.

$$30 \div 6 + 4$$

$$30 \div (6 + 4)$$

b) How many groups of children will there be?



Set 1	Set 2	Set 3
2, 3, 4	5, 6, 7	8, 9, 10



1) Use a number from each of the sets above to complete the number calculations below:

a) $\begin{array}{c} \text{Number} \\ \text{from Set 1} \end{array} \times \left(\begin{array}{c} \text{Number} \\ \text{from Set 2} \end{array} + \begin{array}{c} \text{Number} \\ \text{from Set 3} \end{array} \right) = 30$

b) $\begin{array}{c} \text{Number} \\ \text{from Set 1} \end{array} \times \left(\begin{array}{c} \text{Number} \\ \text{from Set 2} \end{array} + \begin{array}{c} \text{Number} \\ \text{from Set 3} \end{array} \right) = 42$

c) $\begin{array}{c} \text{Number} \\ \text{from Set 1} \end{array} \times \left(\begin{array}{c} \text{Number} \\ \text{from Set 2} \end{array} + \begin{array}{c} \text{Number} \\ \text{from Set 3} \end{array} \right) = 56$

2) Use a number from each set to find out possible calculations that have an answer between 40 and 60.

$\begin{array}{c} \text{Number} \\ \text{from Set 1} \end{array} \times \left(\begin{array}{c} \text{Number} \\ \text{from Set 2} \end{array} + \begin{array}{c} \text{Number} \\ \text{from Set 3} \end{array} \right) = \begin{array}{c} \text{Number between} \\ \text{40 and 60} \end{array}$