

## N052 Order of operations

**Q1.**

Here is a list of six numbers.

2            3            5            6            7            8

From the list, write a number in each box, to make each statement correct.

(i)  $\square + \square \times \square = 61$

(ii)  $\square - \square \div \square = 0$

**(Total for question = 2 marks)**

**Q2.**

(a) Find the value of  $8 \times (2 - 7)$

.....

(b) Find the value of  $12 \div (2 - 5)$

.....

(c) Find the value of  $20 - 3 + 7$

.....

**(Total for question = 3 marks)**

**Q3.**

(a) Use brackets to make the statement true  $4 \times 7 - 5^3 = 32$

.....

(b) Use brackets to make the statement true  $5 - 4 \times 3 - 9 = 2$

.....

**(Total for question = 2 marks)**

**Q4.**

Work out  $\frac{4 \times 7 - 3}{3 - (12 \div 2)}$

.....

**(Total for question = 2 marks)**

**Q5.**

Work out  $\frac{2 \times 6^2 - 17}{8 + (14 \div 2)}$

.....  
**(Total for question = 2 marks)**

**Q6.**

Work out  $\frac{7}{9} - \frac{2}{3} \times \frac{3}{8}$

.....  
**(Total for question = 2 marks)**