

## The Order of Operations (BIDMAS) Past Paper Questions



**Q1.**

Work out  $10 \times (3 + 5)$

.....

**(Total for question = 1 mark)**

**Q2.**

Put a pair of brackets in each statement to make the statement true.

(i)  $2 \times 7^2 - 2 = 94$

(1)

(ii)  $16 \div 2 + 6 + 2 = 4$

(1)

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

**Q3.**

A teacher asks George to think of a number.

She then says,

"Add 10 to your number and multiply the answer by 3"

George thinks of the number 5

He writes down

$$\underline{5 + 10} \times 3 = 35$$

What should George have written down?

..... = .....

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



**Q4.**

Alec needs to work out the value of  $2 + 3 \times 4$

He writes

$$2 + 3 = 5 \text{ and } 5 \times 4 = 20, \text{ so } 2 + 3 \times 4 = 20$$

Alec is wrong.

Explain why.

.....  
.....  
.....

**(Total for question = 1 mark)**

**Q5.**

(a) Work out the value of  $5 \times 2 + 8$

.....

**(1)**

(b) Work out the value of  $(13 - 6) \times 2$

.....

**(1)**

**(Total for Question is 2 marks)**

**Q6.**

(a) Work out  $2 \times (8 - 3)$

.....

**(1)**

(b) Work out  $3^2 + 4 \times 5$

.....

**(2)**

(c) Find the value of  $5^3$

.....

**(1)**

(d) Find the square root of 16

.....

**(1)**

**(Total for Question is 5 marks)**



**Q7.**

(a) Work out  $20 - 12 \div 4$

.....  
(1)

(b) Put brackets in to make this a true statement.

$$5 + 3 \times 2 - 1 = 15$$

(1)

(c) Work out  $-8 \times -3$

.....  
(1)

(d) Work out  $\frac{7}{10} + \frac{1}{5}$

.....  
(2)

**(Total for Question is 5 marks)**

**Q8.**

(a) Work out  $15 \div 5 + 7$

.....  
(1)

(b) Work out  $2 + 7 \times 2$

.....  
(1)

(c) Work out  $-5 + -6$

.....  
(1)

(d) Work out  $14 - -3$

.....  
(1)



(e) Add brackets ( ) to make this statement correct.

$$12 - 2 \times 3 + 1 = 4$$

(1)

(f) Why does  $\frac{1}{4} = \frac{2}{8}$ ?

(1)

**(Total for Question is 6 marks)**