

GCSE Maths Quiz

BIDMAS (F)

BIDMAS is the order of operation in a mathematical expression. Arithmetical and algebraical manipulations follow certain mathematical rules: these rules can be remembered easily by using BIDMAS (Brackets, Indices, Division, Multiplication, Addition, and Subtraction). BIDMAS tells us which operation should come first. Incidentally, your calculator also uses BIDMAS, but it's called 'calculation priority sequence' on your calculator.

Do this quiz and see how well you can use BIDMAS.

Brackets
Indices
Division
Multiplication
Addition
Subtraction

1. Simplify $6 + 8 \times 9$

126

70

62

78

2. Simplify $9 \times 4 - 2$

34

18

-18

36

3. Simplify $(4 + 7)^2$

4225

529

121

2809

4. Simplify $8p \div 4 + 6p - 5p$

1.6p

5p

13p

3p

5. Simplify $5 + 3^2 - 6 \times 4$

32

16

-16

-10

6. Simplify $x - 2(x + 3x) + x^2$

-6x

$x^2 - 7x$

$x^2 - 9x$

3x

7. Simplify $\sqrt{(17 + 4 \times 2)}$

± 5

5

6.48

-5

8. Simplify $(2^2 + 6)^2 \times 4 - 8$

392

-400

1592

248

9. Simplify $9y \div 3y - 2y + 10$

$y + 10$

$-y + 10$

$-2y + 13$

$-2y - 7$

10. Simplify $(6^2 + 13) \div 7 + 5 \times 3 - 2$

22

20

1.44

2.45

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