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 x 9

[ ] 126

[ ] 70

[ ] 62

[ ] 78

2. Simplify 9 x 4 – 2

[ ] 34

[ ] 18

[ ] -18

[ ] 36

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

[ ] 4225

[ ] 529

[ ] 121

[ ] 2809

4. Simplify 8p ÷ 4 + 6p − 5p

[ ] 1.6p

[ ] 5p

[ ] 13p

[ ] 3p

5. Simplify 5 + 3^2 − 6 x 4

[ ] 32

[ ] 16

[ ] −16

[ ] −10

6. Simplify x − 2 (x + 3x) + x^2

[ ] − 6x

[ ] x^2 − 7x

[ ] x^2 − 9x

[ ] 3x

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

[ ] ±5

[ ] 5

[ ] 6.48

[ ] −5

8. Simplify (2^2 + 6)^2 x 4 − 8

[ ] 392

[ ] −400

[ ] 1592

[ ] 248

9. Simplify 9y ÷ 3y − 2y + 10

[ ] y +10

[ ] −y + 10

[ ] −2y + 13

[ ] −2y − 7

10. Simplify (6^2 + 13) ÷ 7 + 5 x 3 - 2

[ ] 22

[ ] 20

[ ] 1.44

[ ] 2.45

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