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Order of Operations & Rounding Numbers

Student Worksheet

Questions & Working Space

IGCSE Mathematics

Name: _____

Date: _____

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Contents

1 Part I — Topic-by-Topic Exercises **2**
1.1 Order of Operations (BIDMAS) 2
1.2 Rounding to Decimal Places 6
1.3 Rounding to Significant Figures 7
1.4 Rounding to the Nearest 10, 100, 1000 9
1.5 Truncation 11
1.6 Estimation 12
1.7 Upper and Lower Bounds 14

2 Part II — Mixed Review **16**

3 Part III — Examination-Style Practice **20**

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Note

How to use this worksheet. These questions are built *strictly* on the *Order of Operations & Rounding Numbers* notes: BIDMAS (brackets, indices, the four operations, fraction bars and negative squares), rounding to decimal places and significant figures, rounding to the nearest 10/100/1000, truncation, estimation to 1 significant figure, and upper and lower bounds.
Working space. Ruled lines are provided after each question — show *all* of your working there, keep trailing zeros where they show accuracy, and write bounds as inequalities. Harder questions have a teal **Hint** box; try the question first and use the hint only if you are stuck.
Checking your answers. Full step-by-step solutions, a marking scheme for the exam paper, and a quick answer key are in the separate booklet *"Order of Operations & Rounding Numbers — Solutions & Answer Key."* Try each question honestly before you look.

1 Part I — Topic-by-Topic Exercises

1.1 Order of Operations (BIDMAS)

Exercise B1 *[Basic]*

Evaluate $6 \times (7 + 5)$.

Exercise B2 *[Basic]*

Evaluate $2^3 + 7$.

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Exercise B3 *[Basic]*

Evaluate $20 - 3 \times 4$.

Exercise B4 *[Standard]*

Evaluate $48 \div 6 \times 2$.

Exercise B5 *[Standard]*

Evaluate $9 + 24 \div 6 - 2 \times 3$.

Exercise B6 *[Standard]*

A student writes: "$20 - 8 + 5 = 20 - 13 = 7$." Identify the error and give the correct value.

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Preview ends here

20 more pages are in the full pack.

Order of Operations & Rounding Numbers — Worksheet — €11.99

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