Name: **Grade:** **Score:**

Worksheet #2

BODMAS

Learning goal: Students will apply BODMAS to simplify numerical expressions involving integers and decimals using step-by-step calculations.

$(35 \div 7) + [(9 - 4) \times 2] - (10 \div 2)$

$= 5 + [5 \times 2] - 5$

$= 5 + 10 - 5$

$= 10$

$(18 - 6) \div (2 + 1) + (9 of 0.3) \times 2$

$[(28 \div 4) + (6 \times 2)] \times (3 - 1.5)$

$[20 \div (5 - 1)] + (3 \times 2.5) - (12 \div 3)$

$-12 \div (4 + 2) + (5 of 0.4) \times (3 - 1.2) - (8 \div 2 + 1)$

$(36 \div 6) + [(7 - 2) \times 3] - (15 \div 5)$

$[(10 \div 2) + (6 \times 2)] \times (4 - 2.5)$

$[(14 \div 2) + (4 \times 3)](3 - 1.2)$

Name: **Grade:** **Score:**

Worksheet #2(Answers)

BODMAS

Learning goal: Students will apply BODMAS to simplify numerical expressions involving integers and decimals using step-by-step calculations.

$(35 \div 7) + [(9 - 4) \times 2] - (10 \div 2)$

$= 5 + [5 \times 2] - 5$

$= 5 + 10 - 5$

$= 10$

$(18 - 6) \div (2 + 1) + (9 of 0.3) \times 2$

$= 12 \div 3 + 2.7 \times 2$

$= 4 + 5.4$

$= 9.4$

$[(28 \div 4) + (6 \times 2)] \times (3 - 1.5)$

$= [7 + 12] \times 1.5$

$= 19 \times 1.5$

$= 28.5$

$[20 \div (5 - 1)] + (3 \times 2.5) - (12 \div 3)$

$= [20 \div 4] + 7.5 - 4$

$= 5 + 7.5 - 4$

$= 8.5$

$-12 \div (4 + 2) + (5 of 0.4) \times (3 - 1.2) - (8 \div 2 + 1)$

$= -12 \div 6 + 2 \times 1.8 - 5$

$= -2 + 3.6 - 5$

$= -3.4$

$(36 \div 6) + [(7 - 2) \times 3] - (15 \div 5)$

$= 6 + [5 \times 3] - 3$

$= 6 + 15 - 3$

$= 18$

$[(10 \div 2) + (6 \times 2)] \times (4 - 2.5)$

$= [5 + 12] \times 1.5$

$= 17 \times 1.5$

$= 25.5$

$[(14 \div 2) + (4 \times 3)](3 - 1.2)$

$= [7 + 12] \times 1.8$

$= 19 \times 1.8$

$= 34.2$