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

Worksheet #4

BODMAS

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

$(48 \div 6) + [(9 - 4) \times 3] - (18 \div 3)$

$= 8 + [5 \times 3] - 6$

$= 8 + 15 - 6$

$= 17$

$(54 \div 9) + [(8 - 3) \times 2] - (16 \div 4)$

$[(20 \div 4) + (6 \times 2)] \times (3 - 1.4)$

$[(40 \div 5) + (6 \times 2)] \times (3 - 1.6)$

$(50 \div 5) + [(7 - 2) \times 4] - (12 \div 4)$

$-20 \div (5 + 5) + (9 of 0.7) \times (6 - 3.5) - (12 \div 3 + 1)$

$[(36 \div 6) + (5 \times 3)] \times (4 - 2.2)$

$[(18 \div 3) + (5 \times 2)] \times (4 - 2.8)$

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

Worksheet #4(Answers)

BODMAS

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

$(48 \div 6) + [(9 - 4) \times 3] - (18 \div 3)$

$= 8 + [5 \times 3] - 6$

$= 8 + 15 - 6$

$= 17$

$(54 \div 9) + [(8 - 3) \times 2] - (16 \div 4)$

$= 6 + [5 \times 2] - 4$

$= 6 + 10 - 4$

$= 12$

$[(20 \div 4) + (6 \times 2)] \times (3 - 1.4)$

$= [5 + 12] \times 1.6$

$= 17 \times 1.6$

$= 27.2$

$[(40 \div 5) + (6 \times 2)] \times (3 - 1.6)$

$= [8 + 12] \times 1.4$

$= 20 \times 1.4$

$= 28$

$(50 \div 5) + [(7 - 2) \times 4] - (12 \div 4)$

$= 10 + [5 \times 4] - 3$

$= 10 + 20 - 3$

$= 27$

$-20 \div (5 + 5) + (9 of 0.7) \times (6 - 3.5) - (12 \div 3 + 1)$

$= 20 \div 10 + 6.3 \times 2.5 - 5$

$= -2 + 15.75 - 5$

$= 8.75$

$[(36 \div 6) + (5 \times 3)] \times (4 - 2.2)$

$= [6 + 15] \times 1.8$

$= 21 \times 1.8$

$= 37.8$

$[(18 \div 3) + (5 \times 2)] \times (4 - 2.8)$

$= [6 + 10] \times 1.2$

$= 16.1.2$

$= 19.2$