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

Worksheet #3

BODMAS

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

$-18 \div (6+3) + (7 of 0.6) \times (5-2.5) - (9 \div 3 + 1)$

$= -18 \div 9 + 4.2 \times 2.5 - 4$

$= -2 + 10.5 - 4$

$= 4.5$

$(40 \div 5) + [(8-3) \times 2] - (10 \div 2)$

$[(15 \div 3) + (4 \times 2)] \times (3 - 1.8)$

$[(30 \div 5) + (6 \times 2)] \times (4 - 2.5)$

$(24-8) \div (4+2) + (6 of 0.5) \times 3$

$(45 \div 9) + [(10-4) \times 2] - (12 \div 3)$

$[22 \div (5-3)] + (3 \times 2.2) - (14 \div 2)$

$[(32 \div 4) + (5 \times 3)](2 - 0.8)$

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

Worksheet #3(Answers)

BODMAS

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

$-18 \div (6+3) + (7 of 0.6) \times (5-2.5) - (9 \div 3 + 1)$

$= -18 \div 9 + 4.2 \times 2.5 - 4$

$= -2 + 10.5 - 4$

$= 4.5$

$(40 \div 5) + [(8-3) \times 2] - (10 \div 2)$

$= 8 + [5 \times 2] - 5$

$= 18 + 10 - 5$

$= 13$

$[(15 \div 3) + (4 \times 2)] \times (3 - 1.8)$

$= [5 + 8] \times 1.2$

$= 13 \times 1.2$

$= 15.6$

$[(30 \div 5) + (6 \times 2)] \times (4 - 2.5)$

$= [6 + 12] \times 1.5$

$= 18 \times 1.5$

$= 27$

$(24-8) \div (4+2) + (6 of 0.5) \times 3$

$= 16 \div 6 + 3 \times 3$

$= 2.67 + 9$

$= 11.67$

$(45 \div 9) + [(10-4) \times 2] - (12 \div 3)$

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

$= 5 + 12 - 4$

$= 18$

$[22 \div (5-3)] + (3 \times 2.2) - (14 \div 2)$

$= [22 \div 2] + 6.6 - 7$

$= 11 + 6.6 - 7$

$= 10.6$

$[(32 \div 4) + (5 \times 3)](2 - 0.8)$

$= [8 + 15] \times 1.2$

$= 23 \times 1.2$

$= 27.6$