Grade 8 BEDMAS, Decimals & Integer Operations Worksheet

Name: _____ **Date:** _____

Part A: BEDMAS with Decimals (12 Questions)

Solve each expression using the order of operations (BEDMAS).

1. $4.8 + 3.2 \times 2$
2. $(7.5 - 2.3) \times 4$
3. $12.6 \div 0.3 + 5.4$
4. $9.8 - 4.2 + 3.7$
5. $15.6 \div 0.6 - 7.5$
6. $8.4 + (6.3 - 2.1) \times 3$
7. $18.9 \div 0.9 + 4.5$
8. $2.7 \times 4 + 5.6$
9. $14.4 \div 0.4 - 8.2$
10. $17.5 - (3.8 + 2.7)$
11. $21.6 \div 0.12 + 15.5$
12. $(9.4 + 2.6) \div 0.5$

Part B: Decimal Multiplication

Multiply. Show all work and place the decimal correctly.

1. 0.24×0.3
2. 12.4×0.75
3. 8.6×0.4
4. 0.58×0.7

Part C: Integer Multiplication

Multiply the integers.

1. $(-8)(7)$
2. $(-12)(-6)$
3. $9(-11)$
4. $(-5)(-8)$
5. $12(-4)$
6. $(-7)(10)$
7. $(-9)(-12)$
8. $11(-3)$
9. $(-6)(8)$
10. $(-4)(-9)$

Part D Mode a) (-7) x(-3) with tiles b) (-2) x (+9)

Part E -→ Use BOX method to find (-78) x(+84)

Bonus Challenge

1. $(-8)(-7) + (3)(-12)$
2. $24.6 \div 0.2 + (5.4 \times 3)$