

Page 1 - Operations with Integers

Simplify each expression. Do NOT use a calculator. Put the answers in the blanks provided. You must show work for every problem neatly on this paper.

1. $-15 + -36$

2. $-43 + 79$

1 _____

3. $27 + -61$

4. $68 - 134$

2 _____

3 _____

5. $-42 - 29$

6. $-34 - -45$

4 _____

5 _____

7. $-23 \cdot -6$

8. $38 \cdot -8$

6 _____

7 _____

9. $-62 \cdot 12$

10. $204 \div -6$

8 _____

9 _____

11. $-336 \div -8$

12. $-312 \div 12$

10 _____

11 _____

12 _____

Page 2 - Order of Operations Review

Simplify each expression. Do NOT use a calculator. You must show all work neatly on this paper. Box your answers.

1. $6 + 7 \cdot 10$

2. $12 \cdot 3 - 9 \cdot 2$

3. $\frac{60}{3} - 2 \cdot 4$

4. $18 \div 2 \cdot 3$

5. $5 + [4 \cdot 3(2 + 1)]$

6. $13 + 2(9 - 6)$

7. $3[5(48 \div 12)]$

8. $\left[\frac{6 \cdot 2(8 - 3)}{11 + 4} \right] \cdot 6$

9. $[4(30 - 5)] \div \frac{10}{2}$

Page 3 - Solving Equations Review

Solve each equation. Do NOT use a calculator. You must show all work neatly on this paper. Box your answers. Answers should be in the form of variable = number. For example, $g = 3$.

1. $x + 7 = -21$

2. $y - 9 = -34$

3. $m - 16 = 20$

4. $6w = 42$

5. $3k = -36$

6. $-12c = -48$

7. $\frac{p}{6} = 3$

8. $\frac{f}{7} = -2$

9. $-\frac{3h}{5} = 9$