

Name _____ Date _____

END OF YEAR EXAM

Integers

1. $-8 + 4 =$ _____

2. $7 - 11 =$ _____

3. $5 - (-2) =$ _____

4. $-3 + 8 =$ _____

5. $-24 + +6 =$ _____

6. $4 + 7 + (-3) =$ _____

Fractions

7. $\frac{3}{4} + \frac{5}{4} =$ _____

8. $2\frac{1}{4} + 3\frac{2}{4} =$ _____

9. $\frac{7}{8} - \frac{3}{2} =$ _____

10. $5\frac{1}{2} - 3\frac{3}{4} =$ _____

11. $7\frac{2}{3} - 4\frac{1}{3} =$ _____

12. $\frac{4}{5} + \frac{3}{20} =$ _____

13. $2\frac{2}{3} + 4\frac{1}{3} =$ _____

14. $\frac{4}{5} + \frac{7}{15} =$ _____

15. $3\frac{1}{4} + 1\frac{1}{4} =$ _____

Order of Operations

16. $6^2 + 4 + 2 - 3 =$ _____

17. $15 - 3(7 - 4) =$ _____

18. $10 - 2 \times 3 + 1 =$ _____

Combining Like Terms

19. $-5a + 7b + 2a + 3ab =$ _____

20. $8 + 4a + 10 + 6a + 1 =$ _____

21. $9y - 2(4 - 3y) =$ _____

22. $\frac{1}{3}(4ab - 18) + 5 =$ _____

Solving Equations

23. $4x + 10 = -14$

24. $\frac{10}{3} - 5 = -8$

25. $21 = 7 - 2a$

26. $\frac{1}{2}x + 5.8 = 2.9$

27. $-2(5a + 7) = -36$

28. $\frac{1}{3}x - \frac{1}{2} = \frac{1}{4}$