

Name \_\_\_\_\_ Date \_\_\_\_\_

### END OF YEAR EXAM

#### Integers

1.  $-9 + 4 =$  \_\_\_\_\_

2.  $7 - 11 =$  \_\_\_\_\_

3.  $5 - (-2) =$  \_\_\_\_\_

4.  $-3 + 8 =$  \_\_\_\_\_

5.  $-24 + -6 =$  \_\_\_\_\_

6.  $4 - 7 + (-3) =$  \_\_\_\_\_

#### Fractions

7.  $\frac{2}{3} + \frac{5}{9} =$  \_\_\_\_\_

8.  $2\frac{1}{4} + 3\frac{2}{5} =$  \_\_\_\_\_

9.  $\frac{7}{8} - \frac{1}{2} =$  \_\_\_\_\_

10.  $5\frac{5}{6} - 3\frac{1}{3} =$  \_\_\_\_\_

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

12.  $\frac{4}{9} \cdot \frac{3}{20} =$  \_\_\_\_\_

13.  $2\frac{2}{3} \cdot 4\frac{1}{2} =$  \_\_\_\_\_

14.  $\frac{4}{5} + \frac{2}{15} =$  \_\_\_\_\_

15.  $3\frac{3}{4} + 1\frac{1}{8} =$  \_\_\_\_\_

#### Order of Operations

16.  $6^2 + 4 + 2 - 3 =$  \_\_\_\_\_

17.  $15 - 3(7 - 4) =$  \_\_\_\_\_

18.  $10 - 2 \cdot 3 + 1 =$  \_\_\_\_\_

#### Combining Like Terms

19.  $-5a + 7b - 2a - 10b =$  \_\_\_\_\_

20.  $8 - 4x - 10 + 6x - 1 =$  \_\_\_\_\_

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

22.  $\frac{2}{3}(6m - 18) + 5 =$  \_\_\_\_\_

#### Solving Equations

23.  $4x + 10 = -14$

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

25.  $21 = 7 - 2x$

26.  $\frac{1}{3}x + 5.8 = 23$

27.  $-2(5h - 7) = -36$

28.  $\frac{2}{3}x - \frac{1}{2} = \frac{1}{6}$