Final Exam Review
N-48
Ms. Meier

Name:_____

Simplify each:

1) $28-4\cdot 3^2+15\div 3$

2) $(5+3)(12-9)$

3) $17a-12a+a$

4) $7x-3-(5-2x)$

5) Evaluate for: $x=-\frac{3}{2} \quad y=-2$
$16x^2+y^2$

6) Solve for x: $5x+3=3x-11$

7) What percent of 16 is 4?

8) Maria has $5.75 in nickels and quarters. If she has 5 more quarters than nickels, how many of each type does she have?

9) Solve: $5(x-3)-2(2x+1)=8-4x$

10) Simplify: $\left(4x^4\right)^2\left(2x^3\right)^3$

11) Add: $(x^2-3x+5)+(x^2-5x-8)$

12) Divide: $\frac{5a^5b^2}{15a^3b^4}$

Answers:

1) -3
2) 24
3) 6a
4) 9x – 8
5) 40
6) - 7
7) 25%
8) 15 nickels, 20 quarters
9) x = 5
10) $128x^{17}$
11) $2x^2 - 8x - 3$
12) $\frac{a^2}{3b^2}$