Math Plus Name: _____

Unit 3 Lesson 6 Homework

Simplify – YOU MUST SHOW WORK!

1. $(2x-5)(-4x)$

2. $2x(x^2-8x+1)$

3. $4w^2(3w^2-2w^2-w)$

4. $(t+8)(t+5)$

5. $(4y^2+y-7)(2y-1)$

6. $(a^2+8)(a^2-a-3)$

7. $(4q-1)(3q+8)$

8. $(3x+4)\left(\frac{2}{3}x+1\right)$

9. $\left(x+\frac{1}{8}\right)\left(x-\frac{9}{8}\right)$

10. $(6-5n)(6+5n)$

11. $(a+8)^2$

12. $(2s-4)^2$

13. $(4n-8m)(4n+8m)$

14. $(-5-4x)^2$