

College Prep Algebra
Worksheet 14 , GCF and Factor By Grouping
Answer Key

1. $3(3r + 8t)$

2. $9q(2q - 5)$

3. $15w(w + 6)$

4. $2t(21w + 14 - 10t)$

5. $5a^2(a^2 + 5a - 4)$

6. $8xy(2x + 3 + 5y)$

7. $4y^3m^2(5y^4 - 9m^2)$

8. $(a + b)(5 + x)$

9. $(a - b)(c - d)$

10. prime or NF!!

11. $5ab(a + 2 + 3b)$

12. $(y + 2)(2y + 3x)$

13. $(q + 9)(q + r)$

14. $(x + 7)(y - 9)$

15. $(2a - 3b)(a^2 + b^2)$

16. $(x - y)(2a - 5b)$

17. $(w + 3)(4 - z)$

18. $(2 - q)(14 - q)$

19. $(2 - 3p)(4 - 3p^3)$

20. $(x^2 + y^2)(3x + 4y)$