

Name: _____

Date: _____

Algebra & Trigonometry Quiz
Chapter R.4

Factor out a Common Factor.

4. $20y^2 - 5y^5$

6. $6n^2 + 24n - 18$

Factor by grouping.

12. $y^3 - y^2 + 2y - 2$

18. $x^3 - x^2 - 6x + 6$

Factor the trinomial.

22. $x^2 + 6x + 5$

28. $2a^2 - 2ab - 24b^2$

Factor the difference of squares.

46. $16x^2 - 9$

Factor the square of a binomial.

60. $y^3 - 18y^2 + 81y$

Extra Credit Factoring

62. $5a^2 - 10ab + 5b^2$

70. $250z^4 - 2z$

76. $z^3 + 3z^2 - 3z - 9$

90. $8x^2 + 2x - 15$