

Name _____

Date _____

Factoring Polynomials Using the GCF

Factor and Check each polynomial using the GCF

1) $2x^2 + x$

2) $6x^2 + 8x$

3) $2x - 4y$

4) $18xy + 12x^2y$

5) $10xy - 15x^2y^2$

6) $21x^2y + 14y^2$

7) $18xy + 12x^2 + 6xy^2$

8) $2xy + 4x^2y^2 + 6xy^2$

9) $3x^2yz^2 + 15x^2yz + 18xy^2z^2$

10) $8xyz + 16x^2yz^2 - 32xy^2z$

11) $6xy + 10y^2z + 16xz^2$

12) $3xyz + 5x^2z + 8xy^2$