

Review of Factoring

Name: _____

Factor the following polynomials using the indicated method.

GCF

1) $10x^2 - 5x$

2) $20x^3 - 32x$

Difference of Squares

3) $4x^2 - 9$

4) $x^2 - 256$

Trinomials with $a = 1$

5) $x^2 - 8x + 16$

6) $x^2 + 3x - 28$

Trinomials with $a \neq 1$ (Bottom's Up)

7) $9x^2 - 12x + 4$

8) $2x^2 + 3x - 2$

Factor each polynomial using an appropriate method (or combination of methods).

9) $x^2 - 9x + 18$

10) $x^6 - 25x^4$

11) $22x - 36$

12) $5x^2 - 22x - 15$

13) $9x^2 - 49$

14) $x^2 - 9x - 10$

15) $6x^2 + 13x + 6$

16) $x^2 - 9x + 20$