

Commonly Forgotten Things

Date _____ Period _____

Solve each equation by factoring. GCF.

1) $2a^2 = -2a$

2) $5v^2 - 5 = 0$

3) $2x^2 = -14x$

4) $2r^2 = -8r$

Difference of squares. Always Check for a GCF first.

5) $25x^2 - y^2$

6) $4x^2 - 9y^2$

7) $64u^2 - 4v^2$

8) $25x^2 - 4y^2$

9) $x^2 - y^2$

10) $64x^2 - 100y^2$

11) $16a^2 - b^2$

12) $4x^2 - 64y^2$

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Date _____ Period _____

Solve each equation by factoring. GCF.

1) $2a^2 = -2a$

$\{-1, 0\}$

2) $5v^2 - 5 = 0$

$\{1, -1\}$

3) $2x^2 = -14x$

$\{-7, 0\}$

4) $2r^2 = -8r$

$\{-4, 0\}$

Difference of squares. Always Check for a GCF first.

5) $25x^2 - y^2$

$(5x + y)(5x - y)$

6) $4x^2 - 9y^2$

$(2x + 3y)(2x - 3y)$

7) $64u^2 - 4v^2$

$4(4u + v)(4u - v)$

8) $25x^2 - 4y^2$

$(5x + 2y)(5x - 2y)$

9) $x^2 - y^2$

$(x + y)(x - y)$

10) $64x^2 - 100y^2$

$4(4x + 5y)(4x - 5y)$

11) $16a^2 - b^2$

$(4a + b)(4a - b)$

12) $4x^2 - 64y^2$

$4(x + 4y)(x - 4y)$