Name : _____

GCF - Polynomials

Find the greatest common factor.

1) $8(2s + t)(2st - t)^2, 4(2st - t)^8$

GCF = _____

2) $10(k + 8), 5k^3(k + 8)^3$

GCF = _____

3) $14(w^3 + 3), 21(-w^3 + 3)^2, 7(-w^3 + 3)^7$

GCF = _____

4) $16p^6q, 4p^5q^2(q - 2 + r^3), 24p^3q^3$

5) $3u^3(u^4 - 2v^3 + 1)$ ... $d - 2)^5, 10d(d - 2)^7$

GCF = _____

7) $(-2g + 5)^3, -2g +$ ... $, (a - 3b)(c - 2b)^5$

GCF = _____

GCF = _____

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9) $8n(m - n), 24n^3(m - n)(m^2 + mn + n^2)$

GCF = _____

10) $15x^3yz^2(y + z), 9xy^4z^3(2x + y + z)$

GCF = _____