

Name : \_\_\_\_\_

## GCF - Polynomials

L1S5

Find the greatest common factor.

1)  $9y^6z^3(y^3 - z^4), 15xyz^4$

2)  $18d^6(c^4 + d^2 + 1)^5, 24d^3(c^4 + d^2 + 1)^6$

GCF = \_\_\_\_\_

GCF = \_\_\_\_\_

3)  $17 + h, (7 + h)(2 + h), h(7 + h)^5$

4)  $+5u^3v(u - v), uv^3+2(-v + u), vt^4u(u - v)$

GCF = \_\_\_\_\_

\_\_\_\_\_

5)  $c(abc - b^2)^2, 5b(c - a)^2$

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$(m + n - 7)$

GCF = \_\_\_\_\_

\_\_\_\_\_

7)  $7k^4(6k + 1), 14k^3(6k + 1)$

$, 10(s - 2)^4$

GCF = \_\_\_\_\_

GCF = \_\_\_\_\_

9)  $8u(t - 2u)^2, 16(t - 2u), 24n(t - 2u)^3$

10)  $pq(3q + 5r)^2, r(3q + 5r^2 + pq)$

GCF = \_\_\_\_\_

GCF = \_\_\_\_\_