

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

## GCF - Polynomials

L1S2

Find the greatest common factor.

1)  $2k^2(k^2 - 2k), 10(k^2 - 2k)^5$

2)  $z(x + 4y)^5, yz(x + 4y)^5, z(x + 4y)^6$

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

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3)  $24b(a + 5)^3, 8c(a + 5)^4$

4)  $9h(2a + 3b + 2), 3(3h + 2)$

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

5)  $18vw^6, 12w^7(v -$

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$5, 25st^5(s^3 - 7t^2 + 5)^4$

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

7)  $12c(4b + 3c), 4b$

$, 9n(3 - n)^5$

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

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

9)  $5p^2qr^2(5r - pq)^2, pq^3r(5r - pq)(p + q)$

10)  $u^3v^3(u - v)^4, u^4v(-v + u)^3$

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

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