

Name : _____

GCF - Polynomials

L1S3

Find the greatest common factor.

1) $22p^4q^6(r+s)^5, 11p^3(r+s)^7, 22p(r+s)^5$ 2) $24a^4bc^2, 4ab^2c^4(a^2+b^2+c^2), 12a^4b^2c$

GCF = _____

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3) $14(10-y^3+2y), 21(10-y^3+2y)^2$ 4) $(5c+3d)(5c-3d), 9(5c-3d)(5c+d)$

GCF = _____

5) $25t^2u^5, 5t^5u^6, 15t^3u^4$

GCF = _____

7) $27v^7w(6v-w)^3,$

GCF = _____

9) $16(gh+7h)^6, gh+7h, 17(7h+gh)^2$

GCF = _____

10) $24(m+mn)^3, 13(m+mn)^5, (m+mn)^4$

GCF = _____

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