

Name : _____

GCF & LCM - Polynomials

Sheet 4

1) The LCM and GCF of two polynomials are $7y^8 + 22y^7 + 3y^6$ and $y^2 + 3y$ respectively. Determine the other polynomial, if one of the polynomials is $y^7 + 3y^6$.

2) The GCF and LCM of two polynomials are 1 and $s^4 + s^3 - 16s^2 - 4s + 48$ respectively. If one of the polynomials is $s^2 - s - 6$, find the other polynomial.

3) The LCM and GCF of

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determine $r(x)$, if $s(x)$ is $x^4 + x^3$.

4) The GCF and LCM of
other polynomial, if c

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6 respectively. Find the

5) The GCF and LCM of $g(a)$ and $f(a)$ are $3a - 2$ and $6a^2 + 56a - 40$ respectively. Determine $f(a)$, if $g(a)$ is $3a^2 + 28a - 20$.