Name : _____

## GCF & LCM - Polynomials

1) The GCF and LCM of two polynomials are $h + 10$ and $h^3 + 11h^2 + 8h - 20$ respectively. If one of the polynomials is $h^2 + 9h - 10$, find the other polynomial.

2) The GCF and LCM of g(a) and h(a) are $a^2 - 3$ and $a^6 - 2a^4 - 5a^2 + 6$ respectively. Find h(a), if g(a) is $a^4 - 4a^2 + 3$.

3) The LCM and GCF of _____ ly. If one of the polynomials is $3d^4 - 12d^2$, find the _____

4) The LCM and GCF of _____ pectively. If u(x) is $2x^2 - 10x - 28$, deter_____

5) The LCM and GCF of two polynomials are $p^3 + p^2 - 36p - 36$ and $p - 6$ respectively. Determine the other polynomial, if one of the polynomials is $p^2 - 5p - 6$.