

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

## Greatest Common Factor

Sheet 4

Find the greatest common factor for each problem by division method.

1)  $a^3 + a^2$  ,  $a^4 - 3a^3 + 3a^2 + 7a$

2)  $4d^3 + 9d^2 + 3d + 2$  ,  $4d^4 + 21d^3 + 6d^2 + 5d$

3)  $5k^3 - 25k^2 + 4$

4)  $18r^2 - 2r - 16$

5)  $z^5 - 10z^4 + 35z^3 - 50z^2 + 24z$  ,  $z^3 - 6z^2 + 11z - 6$

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