

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

## Greatest Common Factor

Sheet 1

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

1)  $x^3 + 7x^2 + 2x + 14$  ,  $x^3 - 6x^2 + 2x - 12$

2)  $6a^3 + 4a^2 - 10a$  ,  $24a^4 + 46a^3 + 10a^2$

3)  $2z^4 + 18z^3 + 1$

4)  $v^3 + v^2 - 81v$

5)  $b^2 - 12b + 35$  ,  $b^2 - 5b - 14$

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