

NAME \_\_\_\_\_

HW# 25

Determine and state the GCF of each pair

*common variables  
to their lowest exponents*

1. 5 and $25x$ $5$	2. $5x$ and $25x$ $5x$	3. $5x^2$ and $25x$ $5x$
4. $5x$ and $5y$ $5$	5. $5x^2$ and $25xy$ $5x$	6. $5x^2y$ and $25xy^2$ $5xy$
7. $22k$ and $34k^2$ $2k$	8. $10x$ and $7$ $1$	9. $32yz$ and $6xy$ $2y$
10. $16t^3w^2$ and $24t^2w$ $8t^2w$	11. $14ab^3$ and $21b^2c$ $7b^2$	12. $75a^2b^3c^2$ and $100abc^5$ $25abc^2$