

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

FACTORING

Factor the following expressions using a GCF.

1. $3x+3$
2. $6x+36=$
3. $8t-16=$
4. $24 y^{2}-18=$
5. $x^{2}+x$
6. $25 u^{2}-14u=$
7. $12x^{2}+16x-8=$
8. $100-75z-50 z^{2}=$
9. $5 u^{3}+5u^{2}+5u=$
10. $16 a^{3}b^{3}+24a^{4}b^{3}= $
11. $10ab+10 a^{2}b=$

$$12) 15 m^{4}n^{3}-25m^{7}n+30 m^{4}n^{8}=$$