

Name: _____

Math is Gold

Date: _____

Topic: Factorization

(id:fa_gcf_out_A.1)

Title: Factor out the GCF

1) $5mn + m^2n + mn^2$

2) $a^2b - 9ab - ab^2$

3) $cd - c^2d - d^2c$

4) $p^2q - 7pq - q^2p$

5) $2u^2v - uv^2 - 5uv$

6) $3st - s^2t - st^2$

$$7) f^2g - fg^2 - 10fg$$

$$8) a^2b^2 + 2a^3b^2 + 3a^2b^3$$

$$9) f^3g^5 - 7f^2g^5 - f^2g^6$$

$$10) 2p^2q^3 - p^3q^3 - p^2q^4$$

$$11) 12m^4n^5 + 18m^3n^8 + 30m^3n^5$$

$$12) 14p^3q + 21p^2q^2 + 7p^2q$$

$$13) 4fg^3 - 4f^2g^3 + 8fg^5$$

$$14) 10n^4p + 2n^6p - 2n^4p^2$$

$$15) q^3r^3 - 3qr^4 - 5qr^3$$