

Name: _____

Math is Gold

Date: _____

Topic: Factorization

(id:fa_gcf_out_M.1)

Title: Factor out the GCF

1) $x^2 + x^3 + x^4$

2) $7x^3 + x^4 + x^5$

3) $p^4 + 2p^3 + 7p^2$

4) $s^5 + 3s^4 + 9s^3$

5) $a^7 + 3a^6 + 10a^5$

6) $2q^9 + 6q^6 + 2q^5$

$$7) 5s^5 + 10s^4 - 35s^2$$

$$8) 7t^9 + 14t^4 + 49t^3$$

$$9) 10m^5 + 70m^3 - 50m^2$$

$$10) 12n^7 - 18n^6 + 30n^5$$

$$11) 3a^7 + 6a^6 + 21a^5$$

$$12) 4b^5 - 4b^4 + 20b^3$$

$$13) 14c^8 - 7c^4 + 14c^3$$

$$14) 15d^8 - 10d^5 + 35d^4$$

$$15) 14y^8 + 2y^7 + 6y^5$$