

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

# Math is Gold

Date: \_\_\_\_\_

**Topic: Factorization**

(id:fa\_gcf\_find\_A.1)

**Title: Find the GCF of the terms of each polynomial**

1)  $3x^2 + 15x$

2)  $15x^9 + 20x^8$

3)  $21x^2 + 24x$

4)  $5x^3 + 10x^2 + 15x$

5)  $9m^5 + 18m^4 + 24m^3$

6)  $10x^5 + 20x^7 + 30x^3$

$$7) 2z^2 + 6z^3 + 10z^6$$

$$8) 8p^{10} + 4p^5 + 2p^3$$

$$9) 11x^2y^3 + 33x^5y^5 + 22x^7y^3$$

$$10) 8a^2b^2 + 24a^3b^3 + 16ab$$

$$11) 12c^4d^5 + 144c^9d^{11} + 84c^8d^3$$

$$12) 90s^7t^9 + 18s^3t^5 + 27s^5t^7$$

$$13) 33r^4s^9 + 9r^5 + 18s^5$$

$$14) 2p^5q^7 + 14p^7q^8 + 7p^2q^5$$

$$15) 20m^7n^9 + 30m^5 + 40n^5$$