

Name : _____ Score : _____

Teacher : _____ Date : _____

Factoring By Grouping

Factor each completely. If non-factorable, write "Non-factorable".

1) $s^3 - 6s^2 + 5s + 48$

6) $6w^3 - 48w^2 - 30w + 240$

2) $2y^3 + 14y^2 + 10y + 70$

7) $6g^3 + 16g^2 - 6g - 16$

3) $18x^3 + 30x^2 - 6x - 10$

8) $3m^3 - 6m^2 - 6m + 12$

4) $48g^3 - 96g^2 + 47g - 144$

9) $15p^3 - 40p^2 - 9p + 24$

5) $24c^3 + 48c^2 + 20c + 40$

10) $5s^3 - 15s^2 + 30s - 90$

