

Week 26: Factor by Grouping Practice

Date _____ Period _____

CHECK FOR GCF FIRST! Factor each completely.**Show all Steps**

1) $100x^3 - 80x^2 - 40x + 32$

2) $15b^3 - 20b^2 + 12b - 16$

3) $80v^3 + 60v^2 - 64v - 48$

4) $15n^3 - 10n^2 - 3n + 2$

5) $10b^3 - 50b^2 - 25b + 125$

6) $8v^3 + 8v^2 + 10v + 10$

7) $15b^3 + 3b^2 - 20b - 4$

8) $8n^3 + 4n^2 + 10n + 5$

9) $12n^3 + 16n^2 + 15n + 20$

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