**U7 Day 4 Practice Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Factoring - GCF Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_\_\_**

**Choose any five problems that are connected below (they can be in a line vertically, horizontally, or diagonally). Once selected, factor each polynomial. Write your answer in the same space as the problem. Do any scratch work needed on the back.**

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| --- | --- | --- | --- | --- |
| **B** | **I** | **N** | **G** | **O** |
| $$x^{2}+10x$$ | $$x^{2}-9x$$ | $$-2x^{2}-4x$$ | $$7x^{2}-21x$$ | $$4n^{3}+16n^{2}$$ |
| $$8x^{2}+24x$$ | $$18x^{3}-24x$$ | $$x^{2}-6x$$ | $$-2x^{2}-4x$$ | $$7x^{2}-21x$$ |
| $$-2x^{2}-4x$$ | $$3b^{2}-81b$$ | $$24x^{3}-32x$$ | $$10x^{2}+40x$$ | $$18x^{2}+12x$$ |
| $$27r^{3}-18r^{2}$$ | $$-30x^{2}+25x$$ | $$7x^{2}-21x$$ | $$3b^{2}-81b$$ | $$18x^{3}-24x$$ |
| $$7x^{2}-21x$$ | $$-2x^{2}-4x$$ | $$-30x^{2}+25x$$ | $$16n^{3}+20n^{2}$$ | $$8x^{2}+24x$$ |