**You must SHOW ALL WORK to receive full credit.**

**Simplify:**

1. $(3x+6)(3x+6)$ 2. $(x-3)(2x^{2}+6x+7)$

**Factor out the GCF (skill 16).**

3. $6a^{3}-18a^{2}-12a$

**Factor completely (skill 17).**

4. $2x^{2}+14x+24$

**Factor using x-box (skill 18).**

5. $2x^{2}-11x+15$

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