**Simplify:**

1. $(3x+1)(2x-4)$ 2. $(2x-3)(x^{2}+7x+2)$

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

3. $27a^{3}b^{2}-18a^{2}b$

**Factor completely (skill 17).**

4. $3x^{3}+9x^{2}-84x$

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

5. $12x^{2}-11x+2$

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