Special Products

| **Remember:** |
| Multiply 2 binomials by using FOIL (First, Outside, Inside, Last) and combining like terms. |

Example 1: $(x + 5)(x - 1)$

Example 2: $(6x + 2)^2$

Example 3: $(b + 3)(b - 3)$

Example 4: $(10x + \frac{2}{7})(10x - \frac{2}{7})$

Example 5: $(a^4 + 5)(a^4 + 6)$

Example 6: $(\frac{2}{3}a - b^2)(\frac{2}{3}a - b^2)$