**Factor Polynomials; a ≠ 1**

***a*x2 + bx + *c***

**Trial & Error**

**Pick factors that work for the quadratic and constant terms, *a* & *c* then check to see if when multiplied out, we get the linear term. If not, try different locations within the binomial. If that doesn’t work, try different factors.**

1. **6x2 + 7x + 2**
2. **3x2 + 17x – 20**
3. **10x2 + 11x + 3**
4. **10x2 + x – 3**
5. **6x2 + 7x – 5**
6. **2x2 – x – 1**
7. **20x2 – 34x + 12**