**Factoring Part B Algebra & Number – Factoring**

**Part I:**

1. Factor each expression.

**Part II:**

1. Factor each expression.
2. Completely factor each of the following.
3. The surface area of a cylinder is given by the formula , where *r* is the radius of the base and *h* is the height of the cylinder.Write the formula for *A* in factored form.
4. Show how you can use algebra tiles to factor the expression .

**Part III:**

1. Simplify the expression: