**Tens – Units Proof**

 **A(10) + (10–B)**

 **A(10) + B\_\_\_**

 **AB(10) + B(10–B)**

 **A2(100) + A(10)(10–B)**

 **––––––––––––––––––––––––––––––––––**

 **A2(100) + A(100) –AB(10) + AB(10) + B(10–B)**

**Factoring and combining like terms**

 **A(100)(A + 1) + B(10–B) or A(A+!)100 + B(10–B)**