**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)**