**Worked solutions for Topic 3 Quadratic Equation**

**Method 1: Factorisation**



**Method 2: Completing the square**

**Method 3: Quadratic Formula**

**Method 1: Factorisation**



**Method 2: Completing the square**

**Method 3: Quadratic Formula**

**Method 1: Factorisation**



**Method 2: Completing the square**

**Method 3: Quadratic Formula**

**Method 1: Factorisation**



**Method 2: Completing the square**

**Method 3: Quadratic Formula**

**Method 1: Factorisation**

 [Recap: 1 of the 3 special identities]

**Method 2: Completing the square (N.A in this question as there is no x term)**

**Method 3: Quadratic Formula**