**Nice surd equation**

***√ (x – 2)2 + 3 = 1 + √ (x – 3)2 – 3***

 ***(x – 2)2 + 3 = 1 + (x – 3)2 – 3 + 2√(x – 3)2 – 3***

***x2 – 4x + 4 + 3 = 1 + x2 – 6x + 9 – 3 + 2√(x – 3)2 – 3***

 ***2x = 2√(x – 3)2 – 3***

 ***x = √(x – 3)2 – 3***

 ***x2  = (x – 3)2 – 3***

 ***x2 = x2 – 6x + 9 – 3***

 ***6x = 6***

 ***x = 1***