x2 = 144

**x = 12**

x2 = 225

**x = 15**

x2 + 7 = 11

**-7 -7**

**x2 = 4**

**x = 2**

x2 – 16 = 100

**+16 +16**

**x2 = 116**

**x = 10.8**

3x2 = 48  
 **3 3**

**x2 = 16**

**x = 4**

4x2 = 400  
 **4 4**

**x2 = 100**

**x = 10**

5x2 + 5 = 130

**-5 -5**

**5x2 = 125  
 5 5**

**x2 = 25**

**x = 5**

3x2 – 1 = 26

**+1 +1**

**3x2 = 27  
 3 3**

**x2 = 9**

**x = 3**

x3 = 8

**x = 2**

x3 = -1000

**x = -10**

2x3 = 128  
 **2 2**

**x3 = 64**

**x = 4**

3x3 = -81  
 **3 3**

**x3 = -27**

**x = -3**

x3 – 10 = 115

**+10 +10**

**x3 = 125**

**x = 5**

x3 + 2 = 10

**-2 -2**

**x3 = 8**

**x = 2**

5x3 + 7 = 327

**-7 -7**

**5x3 = 320  
 5 5**

**x3 = 64**

**x = 4**

10x3 – 2 = 8

**+2 +2**

**10x3 = 10  
 10 10**

**x3 = 1**

**x = 1**

x2 + 6x = 6(x + 6)

**x2 + 6x = 6x + 36**

**-6x -6x**

**x2 = 36**

**x = 6**

(5x)(10x) = 200

**50x2 = 200  
 50 50**

**x2 = 4**

**x = 2**

x2 + 9x = ½ (18x + 128)

**x2 + 9x = 9x + 64**

**-9x -9x**

**x2 = 64**

**x = 8**

x(x – 3) – 51 = -3x + 13

**x2 – 3x – 51 = -3x + 13**

**+3x +3x**

**x2 – 51 = 13**

**+ 51 +51**

**x2 = 64**

**x = 8**

x2 – 14 = 5x + 67 – 5x

**x2 – 14 = 67**

**+14 +14**

**x2 = 81**

**x = 9**

x(x – 1) = 121 – x

**x2 – x = 121 – x**

**+x +x**

**x2 = 121**

**x = 11**

-3x2 + 14 = -67

**-14 -14**

**-3x2 = -81  
 -3 -3**

**x2 = 27**

**x = 5.2**

x(x + 4) – 3 = 4(x + 19.5)

**x2 + 4x – 3 = 4x + 78**

**-4x -4x**

**x2 – 3 = 78**

**+3 +3**

**x2 = 81**

**x = 9**

216 + x = x(x – 5) + 6x

**216 + x = x2 – 5x + 6x**

**216 + x = x2 + x**

**-x -x**

**216 = x2**

**14.7 = x**

½ (2x2 + 10) = 30

**x2 + 5 = 30**

**-5 -5**

**x2 = 25**

**x = 5**