

**a2 + b2 = c2**

**a2 + (5.3)2 = (10.2)2**

**a2 + 28.09 = 104.04**

**a2 = 75.95**

**a = 8.7**



**a2 + b2 = c2**

**(3.4)2 + (6.8)2 = c2**

**11.56 + 46.24 = c2**

**57.8 = c2**

**7.6 = c**



**a2 + b2 = c2**

$\left(\sqrt{47}\right)^{2}$**+ b2 =** $\left(\sqrt{129}\right)^{2}$

**47 + b2 = 129**

**b2 = 82**

**b = 9.1**



**a2 + b2 = c2**

**52 +** $\left(\sqrt{13}\right)^{2}$**= c2**

**25 + 13 = c2**

**38 = c2**

**6.2 = c**



**a2 + b2 = c2**

**(2.7)2 + (5.2)2 = c2**

**7.29 + 27.04 = c2**

**34.33 = c2**

**5.9 = c**



**a2 + b2 = c2**

**a2 +** $\left(\sqrt{17}\right)^{2}$**= 152**

**a2 + 17 = 225**

**a2 = 208**

**a = 14.4**



**a2 + b2 = c2**

**a2 + (3.7)2 = (15.4)2**

**a2 + 13.69 = 237.16**

**a2 = 223.47**

**a = 14.9**



**a2 + b2 = c2**

**52 + b2 =** $\left(\sqrt{156}\right)^{2}$

**25 + b2 = 156**

**b2 = 131**

**b = 11.4**