

Student 1 ~~1~~:

$$a^2 + b^2 = c^2$$

$$c^2 - a^2 = b^2$$

$$26^2 - 10^2 = b^2$$

$$676 - 100 = b^2$$

$$576 = b^2$$

$$\sqrt{576} = b$$

$$24 = b$$

Student 2:

$$10^2 = 100$$

$$26^2 = 676$$

$$676 - 100 = 576$$

Student 3:

$$a^2 + b^2 = c^2$$

$$10^2 + 26^2 = c^2$$

$$c^2 = 776$$

$$c = \sqrt{776}$$

$$c \approx 27.8 \text{ or } 28$$