

~~$a=4, b=8, c=184$~~
 ~~$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$~~
 ~~$\frac{-8 \pm \sqrt{8^2 - 4(4)(184)}}{2(4)}$~~

$$200 - 5x^2 = (4+x)^2$$

$$200 - 5x^2 = 16 + 8x + x^2$$

$$-200 + 5x^2 \quad -200 \quad +5x^2$$

$$-184 + 8x + 6x^2 = 0$$

$$\therefore a=6, b=8, c=-184$$

$$x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$= \frac{-8 \pm \sqrt{64 - 4(6)(-184)}}{2(6)}$$

$$= \frac{-8 \pm \sqrt{4480}}{12}$$

$$= \frac{-8 + 66.9}{12}, \frac{-8 - 66.9}{12}$$

$$= 4.91, -6.24$$

\therefore Eq. point ~~(5.6, 8.1)~~ (4.91, 79.38)

تقریباً
 للنقطة
 الواقعة
 في المحاور