Solving Quadratic Equations.

Ch 5.

- · Square Root Method
 - · CTS => Square Root Method.

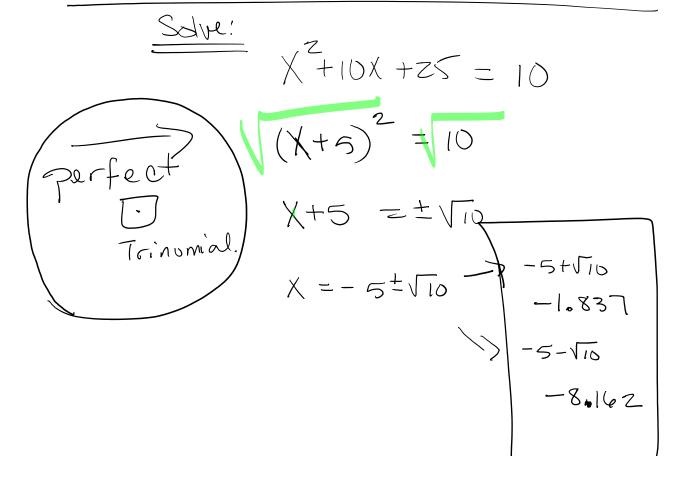
$$X = \pm 3 \xrightarrow{\longrightarrow} +3$$

$$1 \times 2 = 5$$
 $1 \times 2 = 5$
 $1 \times 3 = 5$
 $1 \times 4 = 5$
 $1 \times 5 = 5$
 $1 \times 5 = 5$

$$\left(\chi - 3\right)^2 = 10$$

$$X-3 = \pm \sqrt{10}$$
 $X = 3 \pm \sqrt{10}$
 $3+\sqrt{10}$
 $3-\sqrt{10}$
 -0.162

Background:



Trinomial.

$$X = -5 \pm \sqrt{10}$$

$$-5 \pm \sqrt{10}$$

$$-1.837$$

$$-5 - \sqrt{10}$$

$$-8.162$$

$$\frac{\chi^{2} + 6\chi + 2}{Perfect} = 70$$

$$\frac{fost.}{Stomp}$$

$$-2 - 2$$

$$\chi^{2} + 6\chi + \frac{9}{2} = 68$$

$$+9$$

$$(\chi + 3)^{2} = \sqrt{77}$$

$$\chi + 3 = \pm \sqrt{77}$$

$$\chi + 3 = \pm \sqrt{77}$$
Section 5.4
$$\frac{1}{2} - 4$$

41-49

CTS
26-36
51,52,55-57,59