

4) use the formula $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ to find two P.P.

$$14x^2 + 3x = 11$$

$$14x^2 + 3x - 11 = 0$$

A B C

$$x = \frac{-3 \pm \sqrt{3^2 - 4(14)(-11)}}{2(14)}$$

$$x = \frac{-3 \pm \sqrt{9 + 616}}{28}$$

$$x = \frac{-3 \pm \sqrt{625}}{28}$$

$$x = \frac{-3 \pm 25}{28}$$

$$x = \frac{-3 + 25}{28}$$

$$x = \frac{11}{14}$$

$$x = 0.79$$

$$x = \frac{-3 - 25}{28}$$

$$x = -1.00$$