

$$4. \quad 17x^2 = -5x + 14$$

$$17x^2 + 5x - 14 = 0$$

$$= \frac{-5 \pm \sqrt{5^2 - 4(17)(-14)}}{2(17)}$$

$$= \frac{-5 \pm \sqrt{25 + 952}}{34}$$

$$= \frac{-5 \pm \sqrt{977}}{34}$$

$$= \frac{-5 \pm 31.25699922}{34}$$

$$x = \frac{-5 + 31.257}{34}$$

$$\textcircled{a} \quad x = 0.7723$$

$$\textcircled{b} \quad x = \frac{-5 - 31.257}{34}$$

$$x = -1.0664$$