

$$3) \quad \underset{a}{15}x^2 = \underset{b}{14}x + \underset{c}{20}$$

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

$$x = \frac{-14 \pm \sqrt{14^2 - 4 \cdot (15)(20)}}{2 \cdot (15)}$$

$$x = \frac{-14 \pm \sqrt{196 - 1200}}{30}$$

$$x = \frac{-14 \pm \sqrt{-1004}}{30}$$

$$x = \frac{-14 \pm 31.68}{30}$$

~~$$x = \frac{-14 \pm 31.68}{30}$$~~

$$x = -14 \pm 1.056$$

$$x = -14 + 1.056$$

$$x = -14 - 1.056$$

$$x = -12.94$$

$$x = -15.05$$