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Question 2

$$c) \quad \frac{9x^2 - 4x - 5}{A \quad B \quad C} = 0$$

$$x = \frac{-4 \pm \sqrt{4^2 - (9)(-5)}}{2(9)}$$

$$x = \frac{-4 \pm \sqrt{16 + 180}}{18}$$

$$x = \frac{-4 \pm \sqrt{196}}{18}$$

$$x = \frac{-4 \pm 14}{18}$$

$$x = \frac{-4 + 14}{18}$$

$$x = \frac{-4 - 14}{18}$$

$$= x = 1.00$$

← 2 Decimal Place

$$= x = -0.55$$

← 2 Decimal Place

Question 2

$$d) \quad x^2 + 11x + 30 = 0$$

$$(x + 5)(x + 6)$$

30

$$\begin{array}{r} 1 \quad 30 \\ 2 \quad 15 \\ 3 \quad 10 \end{array}$$

(5 + 6)

$$x + 5 = 0$$

$$x = -5$$

← Answer

$$x + 6 = 0$$

$$x = -6$$