

0.10  
3

$$2x + m^2 + 4m + 5 = (3m + 5)\sqrt{x}$$

$$2t^2 - (3m + 5)t + m^2 + 4m + 5 = 0$$

$$-\frac{b}{a} > 0 \text{ psl } \frac{c}{a} > 0 \text{ psl } \Delta > 0$$

$$\sqrt{x} = t \quad \text{a) 3)}$$

$$\text{a) } \lambda \neq 0 \text{ psl } \text{a) 3)}$$

$$\text{a) 3)} \cdot \text{f) l'c f}$$

$$0 < \Delta = 9m^2 + 30m + 25 - 8m^2 - 32m - 40 \\ = m^2 - 2m - 15$$

$$m = 5, -3$$

$$0 < \frac{-b}{a} = \frac{3m+5}{2} \rightarrow m > -\frac{5}{3}$$

$$0 < \frac{c}{a} = \frac{m^2+4m+5}{2} \rightarrow m \text{ fsl}$$

