

DATE	SEC	MIN	CON	STA	NBR
DOA	LUN	BAK	HSE	JTE	VTE
SAB					

$$6) 0 = -5t^2 + 30t$$

$$\Delta = (30)^2 - 4(-5) \cdot 0$$

$$\Delta = 900$$

$$y = \frac{-30 \pm \sqrt{900}}{-20} \Rightarrow y = \frac{-30 \pm 30}{-20}$$

$$x_v = \frac{-30}{-20} = x_v = 1.5$$

$$7) -3x^2 + 18x + 24 = 0$$

$$\Delta = (18)^2 - 4(-3) \cdot 24$$

$$\Delta = 324 + 288$$

$$\Delta = 612$$

$$x = \frac{-18 \pm \sqrt{612}}{-6} \Rightarrow x = \frac{-18 \pm 24.7}{-6}$$

$$x = \frac{-18 + 24.7}{-6} = 1.1$$

$$8) A(x) = -2x^2 + 10x$$

$$\Delta = 10^2 - 4(-2) \cdot 0$$

$$\Delta = 100 - 8 \cdot 0$$

$$\Delta = 100$$

$$x = \frac{-10 \pm \sqrt{100}}{-4} \Rightarrow x = \frac{-10 \pm 10}{-4}$$

$$x = \frac{-10 + 10}{-4} = 0$$

$$9)$$