

Pg 13 Romylos Frangos 1902755
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13:42

$$b) \quad 8x^2 = -3x - 18$$

$$\Rightarrow 8x^2 + 3x + 18 = 0$$

$$\Rightarrow \frac{-3 \pm \sqrt{9 - 4 \cdot 8 \cdot 18}}{2 \cdot 8}$$

$$= \frac{-3 \pm \sqrt{-567}}{16} = \frac{-3 \pm j9\sqrt{7}}{16}$$

$$\frac{-3 + j9\sqrt{7}}{16}$$

$$\frac{-3 - j9\sqrt{7}}{16}$$