

Find all the roots of

$$f(x) = 9.24(3 - 7x)(6x + 20)^2$$

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$$\begin{array}{r} 3 - 7x = 0 \\ -3 \quad -3 \end{array}$$

$$\begin{array}{r} -7x = -3 \\ \hline -7 \quad -7 \end{array}$$

$$x = \frac{3}{7}$$

$$\begin{array}{r} 6x + 20 = 0 \\ -20 \quad -20 \end{array}$$

$$\begin{array}{r} 6x = -20 \\ \hline 6 \quad 6 \end{array}$$

$$x = -\frac{10}{3}$$