

5.4

$$1) \begin{array}{c|c|c|c|c|c|c} & & -2 & & 1 & & 2 \\ x-2 & - & & - & & - & 0 & + \\ \hline x+2 & - & 0 & + & & + & & + \\ \hline x-1 & - & & - & & + & & + \\ \hline F(x) & - & 0 & + & & - & 0 & + \end{array}$$

$$2) \begin{array}{c|c|c|c|c|c|c} & & -2 & & -\frac{3}{2} & & 1 \\ 2x+3 & - & & - & 0 & + & & + \\ \hline x-1 & - & & - & & - & & + \\ \hline x+2 & - & & + & & + & & + \\ \hline F(x) & - & & + & 0 & - & & + \end{array}$$

$$3) \begin{array}{c|c|c|c|c|c|c|c} & & -4 & & \frac{1}{3} & & 2 & & 3 \\ x-2 & - & & - & & - & 0 & + & + \\ \hline 3-x & + & & + & & + & & + & 0 & - \\ \hline 4+x & - & & + & & + & & + & & + \\ \hline 3x-1 & - & & - & & + & & + & & + \\ \hline F(x) & - & & + & & - & 0 & + & 0 & - \end{array}$$