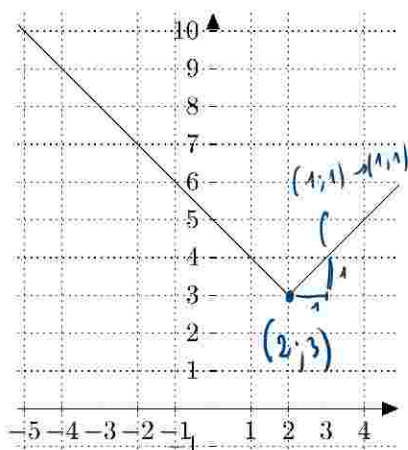
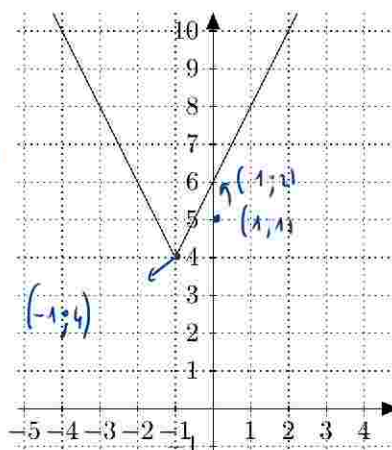
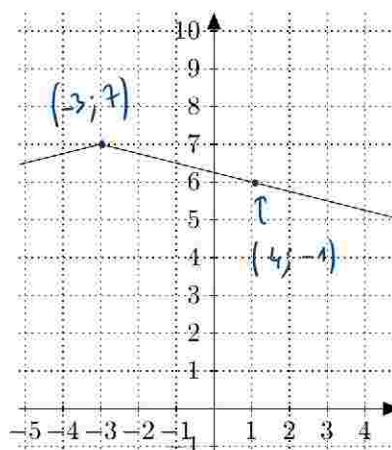




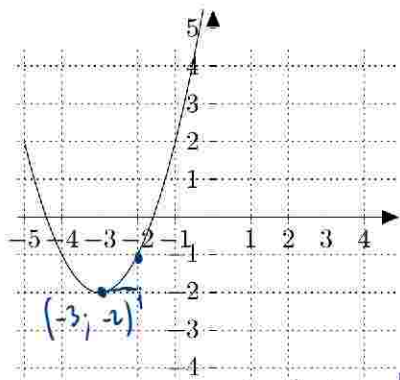
$(0; 0) \rightarrow (2; 3)$ T.H. de 2
 T.V. de 3
 $(1; 1) \rightarrow (1; 1) \rightarrow$ PAS d'ÉTIREMENT
 $|x| \xrightarrow[\text{de } 2]{\text{T.H.}} |x-2| \xrightarrow[\text{de } 3]{\text{T.V.}} \boxed{|x-2|+3}$



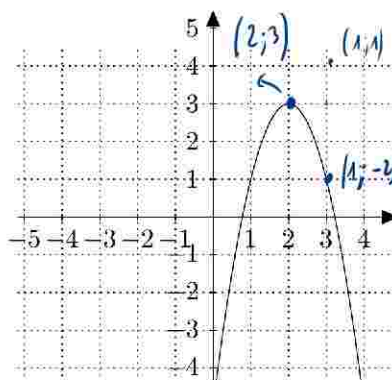
$(0; 0) \rightarrow (-1; 4)$ T.H. de -1
 T.V. de 4
 $(1; 1) \rightarrow (1; 2)$ É.V. de 2
 $|x| \xrightarrow[\text{de } 2]{\text{É.V.}} 2|x| \xrightarrow[\text{de } -1]{\text{T.H.}} 2|x+1| \xrightarrow[\text{de } 4]{\text{T.V.}} \boxed{2|x+1|+4}$



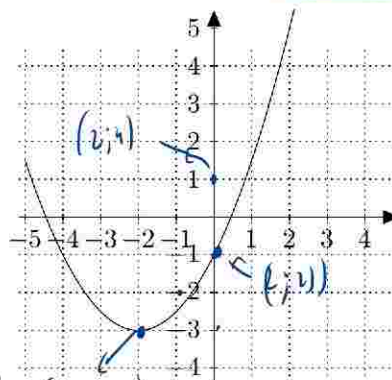
$(0; 0) \rightarrow (-3; 7)$ T.H. de -3
 T.V. de 7
 $(1; 1) \rightarrow (1; -1)$ É.V. de -1/4
 $|x| \xrightarrow[\text{de } -1/4]{\text{É.V.}} -\frac{1}{4}|x| \xrightarrow[\text{de } -3]{\text{T.H.}} -\frac{1}{4}|x+3| \xrightarrow[\text{de } 7]{\text{T.V.}} \boxed{-\frac{1}{4}|x+3|+7}$



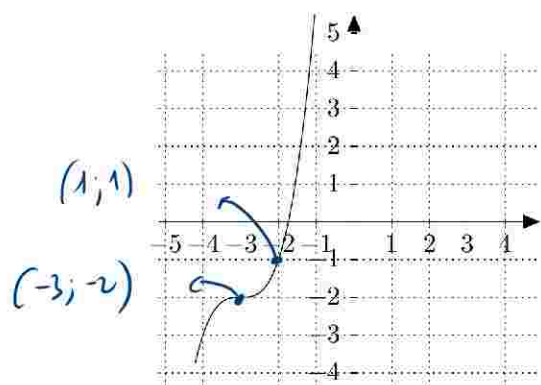
$(0; 0) \rightarrow (-3; -2)$ T.H. de -3
 T.V. de -2
 $(1; 1) \rightarrow (1; 1) \rightarrow$ PAS d'ÉTIREMENT
 $x^2 \xrightarrow[\text{de } -3]{\text{T.H.}} (x-3)^2 \xrightarrow[\text{de } -2]{\text{T.V.}} \boxed{(x-3)^2-2}$



$(0; 0) \rightarrow (2; 3)$ T.H. de 2
 T.V. de 3
 $(1; 1) \rightarrow (1; -2)$ É.V. de -2
 $x^2 \xrightarrow[\text{de } -2]{\text{É.V.}} -2x^2 \xrightarrow[\text{de } 2]{\text{T.H.}} -2(x-2)^2 \xrightarrow[\text{de } 3]{\text{T.V.}} \boxed{-2(x-2)^2+3}$



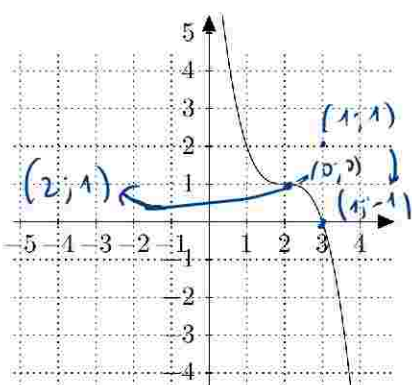
$(-2; -3) \rightarrow$ T.H. de -2
 T.V. de -3
 $(2; 4) \rightarrow (2; 2)$ É.V. de 1/2
 $x^2 \xrightarrow[\text{de } 1/2]{\text{É.V.}} \frac{1}{2}x^2 \xrightarrow[\text{de } -2]{\text{T.H.}} \frac{1}{2}(x+2)^2 \xrightarrow[\text{de } -3]{\text{T.V.}} \boxed{\frac{1}{2}(x+2)^2-3}$



$$(0;0) \rightarrow (-3;-2) \Rightarrow \begin{array}{l} \text{T.H. de } -3 \\ \text{T.V. de } -2 \end{array}$$

$$(1;1) \rightarrow (1;1) \Rightarrow \text{PAS D'ÉTIREMENTS}$$

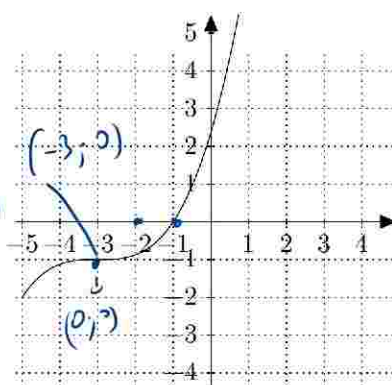
$$x^3 \xrightarrow[\text{de } -3]{\text{T.H.}} (x+3)^3 \xrightarrow[\text{de } -2]{\text{T.V.}} \boxed{(x+3)^3 - 2}$$



$$(0;0) \rightarrow (2;1) \begin{array}{l} \text{T.H. de } 2 \\ \text{T.V. de } 1 \end{array}$$

$$(1;1) \rightarrow (1;-1) \text{ E.V. de } -1$$

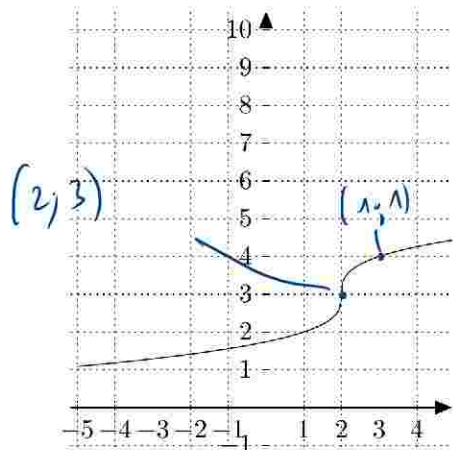
$$x^3 \xrightarrow[\text{de } -1]{\text{E.V.}} -x^3 \xrightarrow[\text{de } 2]{\text{T.H.}} -(x-2)^3 \xrightarrow[\text{de } 1]{\text{T.V.}} \boxed{-(x-2)^3 + 1}$$



$$(0;0) \rightarrow (-3;-1) \begin{array}{l} \text{T.H. de } -3 \\ \text{T.V. de } -1 \end{array}$$

$$(1;1) \rightarrow (2;1) \text{ E.H. de } 2$$

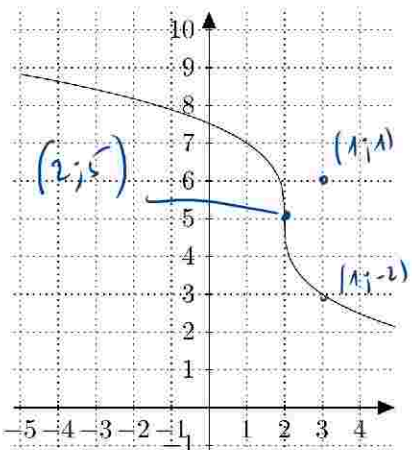
$$x^3 \xrightarrow[\text{de } 2]{\text{E.H.}} \left(\frac{x}{2}\right)^3 \xrightarrow[\text{de } -3]{\text{T.H.}} \left(\frac{1}{2}(x+3)\right)^3 \xrightarrow[\text{de } -1]{\text{T.V.}} \boxed{\frac{1}{8}(x+3)^3 - 1}$$



$$(0;0) \rightarrow (2;3) \begin{array}{l} \text{T.H. de } 2 \\ \text{T.V. de } 3 \end{array}$$

$$(1;1) \rightarrow (1;1) \Rightarrow \text{PAS D'ÉTIREMENTS}$$

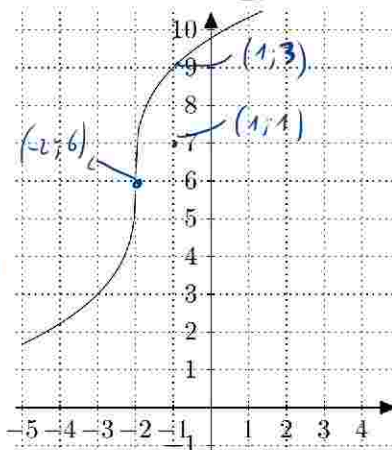
$$\sqrt[3]{x} \xrightarrow[\text{de } 2]{\text{T.H.}} \sqrt[3]{x-2} \xrightarrow[\text{de } 3]{\text{T.V.}} \boxed{\sqrt[3]{x-2} + 3}$$



$$(0;0) \rightarrow (2;5) \begin{array}{l} \text{T.H. de } 2 \\ \text{T.V. de } 5 \end{array}$$

$$(1;1) \rightarrow (1;-2) \text{ E.V. de } -2$$

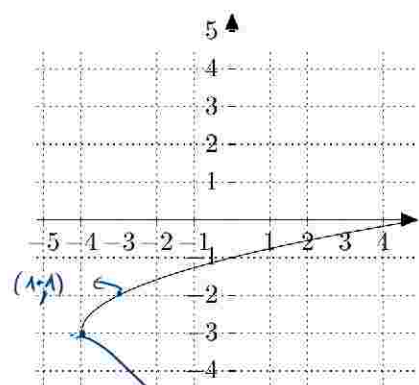
$$\sqrt[3]{x} \xrightarrow[\text{de } -2]{\text{E.V.}} -2\sqrt[3]{x} \xrightarrow[\text{de } 2]{\text{T.H.}} -2\sqrt[3]{x-2} \xrightarrow[\text{de } 5]{\text{T.V.}} \boxed{-2\sqrt[3]{x-2} + 5}$$



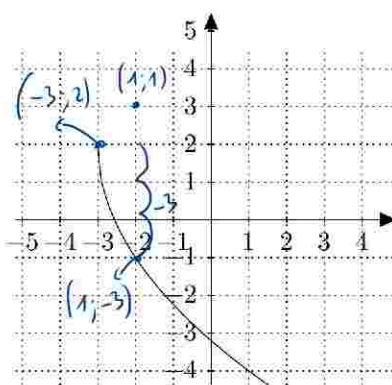
$$(0;0) \rightarrow (-2;6) \begin{array}{l} \text{T.H. de } -2 \\ \text{T.V. de } 6 \end{array}$$

$$(1;1) \rightarrow (1;3) \text{ E.V. de } 3$$

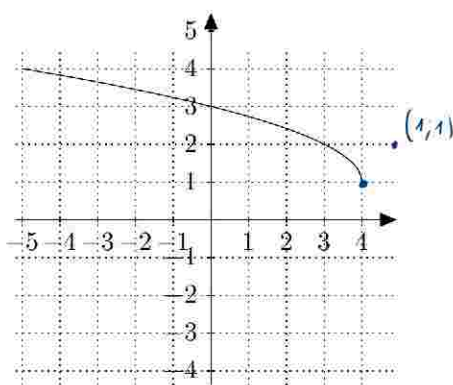
$$\sqrt[3]{x} \xrightarrow[\text{de } 3]{\text{E.V.}} 3\sqrt[3]{x} \xrightarrow[\text{de } -2]{\text{T.H.}} 3\sqrt[3]{x+2} \xrightarrow[\text{de } 6]{\text{T.V.}} \boxed{3\sqrt[3]{x+2} + 6}$$



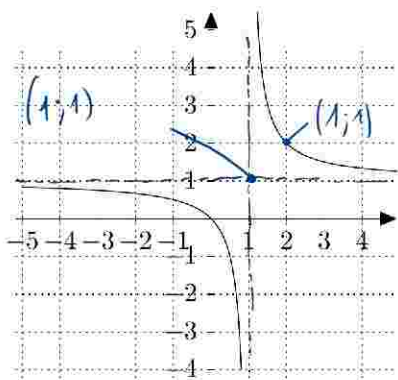
$$\begin{aligned} (0;0) &\rightarrow (-4;-3) \Rightarrow \begin{array}{l} \text{T.H. de } -4 \\ \text{T.V. de } -3 \end{array} \\ (1;1) &\rightarrow (1;1) \Rightarrow \text{PAS D'ÉTIREMENTS} \\ \sqrt{x} &\rightarrow \sqrt{x+4} \xrightarrow{\text{T.V. de } -4} \sqrt{x+4-3} \end{aligned}$$



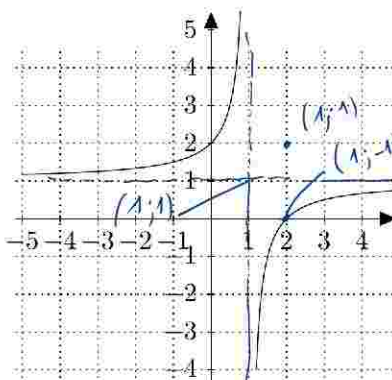
$$\begin{aligned} (0;0) &\rightarrow (-3;2) \Rightarrow \begin{array}{l} \text{T.H. de } -3 \\ \text{T.V. de } 2 \end{array} \\ (1;1) &\rightarrow (1;-3) \Rightarrow \text{E.V. de } 3 \\ \sqrt{x} &\xrightarrow{\text{E.V. de } -3} -3\sqrt{x} \xrightarrow{\text{T.H. de } -3} 3\sqrt{x+3} \xrightarrow{\text{T.V. de } 2} 3\sqrt{x+3}+2 \end{aligned}$$



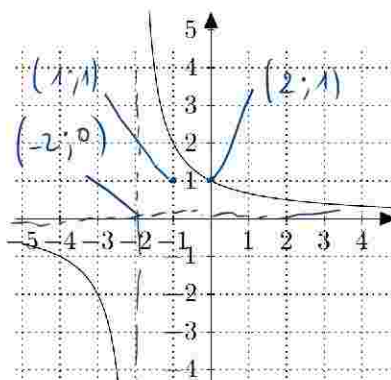
$$\begin{aligned} (0;0) &\rightarrow (4;1) \Rightarrow \begin{array}{l} \text{T.H. de } 4 \\ \text{T.V. de } 1 \end{array} \\ (1;1) &\rightarrow (-1;1) \Rightarrow \text{E.H. de } -1 \\ \sqrt{x} &\rightarrow \sqrt{-x} \xrightarrow{\text{T.H. de } 4} \sqrt{-(x-4)} \xrightarrow{\text{T.V. de } 1} \sqrt{-x+4}+1 \end{aligned}$$



$$\begin{aligned} (0;0) &\rightarrow (1;1) \Rightarrow \begin{array}{l} \text{T.H. de } 1 \\ \text{T.V. de } 1 \end{array} \\ (1;1) &\rightarrow (1;1) \Rightarrow \text{PAS D'ÉTIREMENTS} \\ \frac{1}{x} &\xrightarrow{\text{T.H. de } 1} \frac{1}{x-1} \xrightarrow{\text{T.V. de } 1} \frac{1}{x-1}+1 \end{aligned}$$



$$\begin{aligned} (0;0) &\rightarrow (1;1) \Rightarrow \begin{array}{l} \text{T.H. de } 1 \\ \text{T.V. de } 1 \end{array} \\ (1;1) &\rightarrow (1;-1) \Rightarrow \text{E.V. de } -1 \\ \frac{1}{x} &\xrightarrow{\text{E.V. de } -1} -\frac{1}{x} \xrightarrow{\text{T.H. de } 1} -\frac{1}{x-1} \xrightarrow{\text{T.V. de } 1} -\frac{1}{x-1}+1 \\ &= \frac{1}{1-x}+1 \end{aligned}$$



$$\begin{aligned} (0;0) &\rightarrow (-2;0) \Rightarrow \begin{array}{l} \text{T.H. de } -2 \\ \text{T.V. de } 0 \end{array} \\ (1;1) &\rightarrow (2;1) \Rightarrow \text{E.H. de } 2 \\ \frac{1}{x} &\xrightarrow{\text{E.H. de } 2} \frac{1}{\frac{x}{2}} = \frac{2}{x} \xrightarrow{\text{T.H. de } -2} \frac{2}{x+2} \end{aligned}$$