Use the first and second derivative to make a perfect graph. Include any asymptotes and the y intercept. Put the graph in the box

Equation $1: f(x)=x^{3}-3 x^{2}+3$


Equation 3: $\quad y=x-3 x^{\frac{1}{3}}$


Equation 5: $\quad f(x)=x^{4}-4 x^{3}$
Equation 6: $\quad f(x)=x^{5}-5 x$

$\square$

Equation 8: $\quad f(x)=\frac{3 x}{x-3}$


Equation 9: $g(x)=\frac{x+2}{x}$


Equation 11: $g(x)=3 x^{4}+4 x^{3}$


Equation 12: $f(x)=x(x-4)^{3}$


