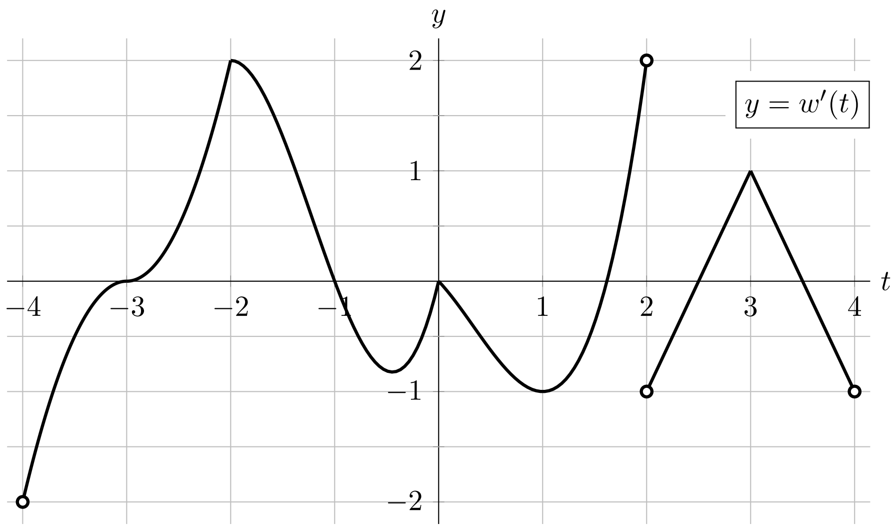
10. [12 points] Suppose $w(t)$ is a continuous function, defined on the interval $(-4, 4)$. A graph of the **derivative** $w'(t)$ is given below.



a. [2 points] Circle all points below that are critical points of $w(t)$.

$\boxed{t = -3}$ $t = -2$ $t = 1$ $\boxed{t = 2}$ $t = 3$ NONE OF THESE

b. [2 points] Circle all points below that are critical points of $w'(t)$.

$\boxed{t = -3}$ $\boxed{t = -2}$ $\boxed{t = 1}$ $t = 2$ $\boxed{t = 3}$ NONE OF THESE

c. [2 points] Circle all points below that are local minima of $w(t)$.

$\boxed{t = -3}$ $t = -2$ $t = -1$ $t = 1$ $t = 2$ NONE OF THESE

d. [2 points] Circle all points below that are local maxima of $w(t)$.

$t = -3$ $t = -2$ $\boxed{t = -1}$ $t = 1$ $\boxed{t = 2}$ NONE OF THESE

e. [2 points] Circle all points below that are inflection points of $w(t)$.

$t = -3$ $\boxed{t = -2}$ $\boxed{t = 1}$ $t = 2$ $\boxed{t = 3}$ NONE OF THESE

f. [1 point] Circle all points below that are global maxima of $w'(t)$ on the interval $(-4, 4)$.

$t = -4$ $\boxed{t = -2}$ $t = 1$ $t = 2$ $t = 3$ NONE OF THESE

g. [1 point] Circle all points below that are global minima of $w'(t)$ on the interval $(-4, 4)$.

$t = -4$ $t = -2$ $t = 1$ $t = 2$ $t = 3$ $\boxed{\text{NONE OF THESE}}$