

6. Continuity

If the function is discontinuous,

State where (ex: $x=7$)

and label as removable or nonremovable.

If the function is continuous,

label as continuous.

20 pts
(4 each)

(a) $y = \cos x + e^x$

(b) $y = \begin{cases} x+5, & x < 2 \\ 3x, & x \geq 2 \end{cases}$

(c) $y = \lfloor x+4 \rfloor$

(d) $y = \frac{x^2 + 3x}{x+3}$

(e) $y = \sec 2x$