

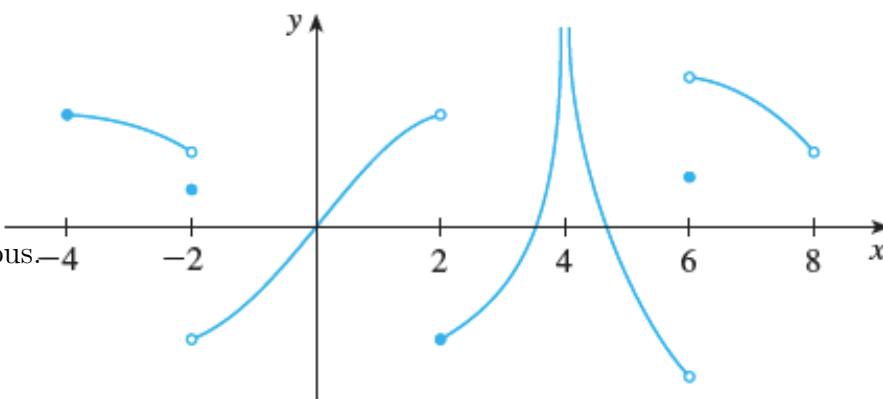
TMATH 124: Concept Check Week 2a

Be sure to write down your ideas (numerically, algebraically, or geometrically) so that you can earn credit for your work!! To earn full marks for this you must attempt all problems.

1. The piece-wise defined function f is graphed below on the right.

(a) Identify an x coordinate where f is not continuous.

(b) Identify an interval where f is continuous.



2. Use the graph of g to state the value of each quantity, if it exists.

(a) $f(4)$

(b) $\lim_{x \rightarrow -\infty} f(x)$

(c) $\lim_{x \rightarrow 1} f(x)$

