**Problem statement** To the right is a graph of \( y = A(x) \).

a) Find the domain and range of \( A \).

b) If \( B \) is defined by \( B(x) = A(x) + 1 \), sketch the graph of \( B \) as well as you can. Find the domain and range of \( B \).

c) If \( C \) is defined by \( C(x) = A(2x + 3) \), sketch the graph of \( C \) as well as you can. Find the domain and range of \( C \).

d) If \( D \) is defined by \( D(x) = \frac{1}{A(x)} \), sketch the graph of \( D \) as well as you can. Find the domain and range of \( D \).