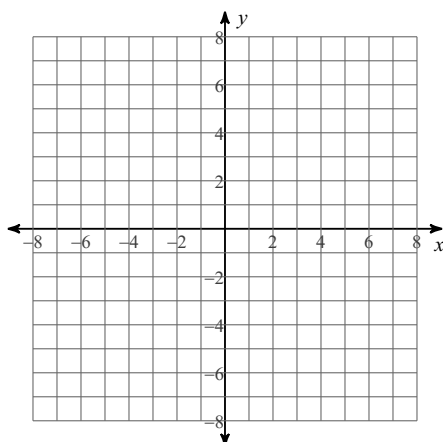


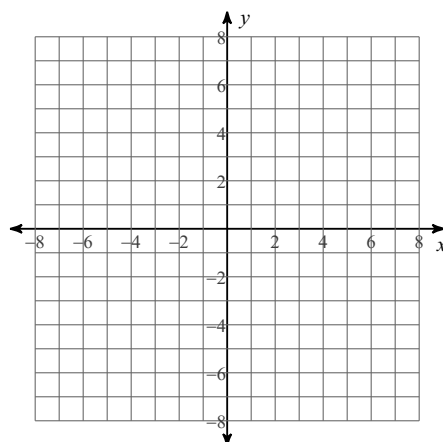
8.2

Identify the asymptotes, domain, and range of each. Then use a table of values to sketch the graph.

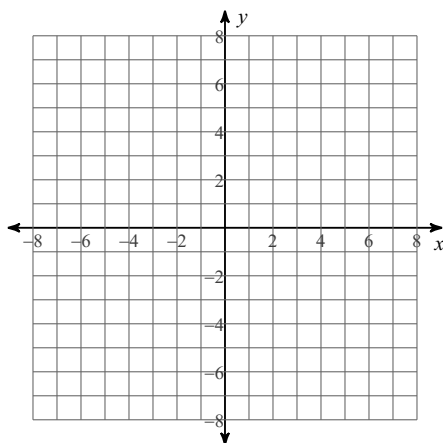
1) $f(x) = -\frac{1}{x-2} - 1$



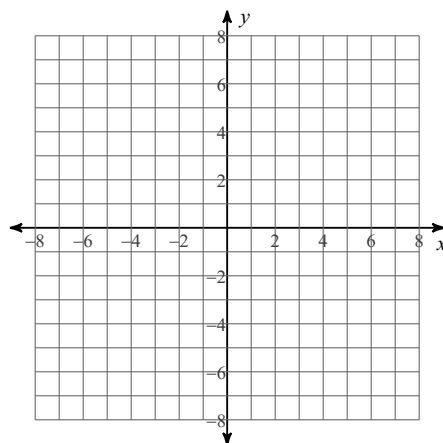
2) $f(x) = -\frac{4}{x-2} - 2$



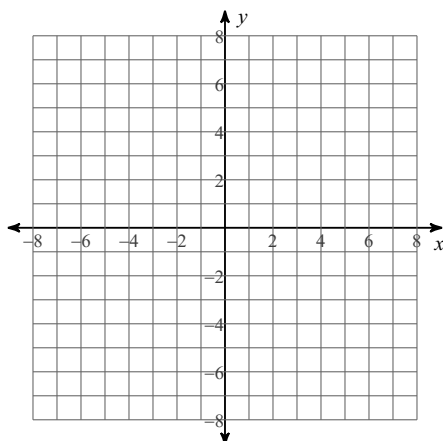
3) $f(x) = \frac{4}{x+1}$



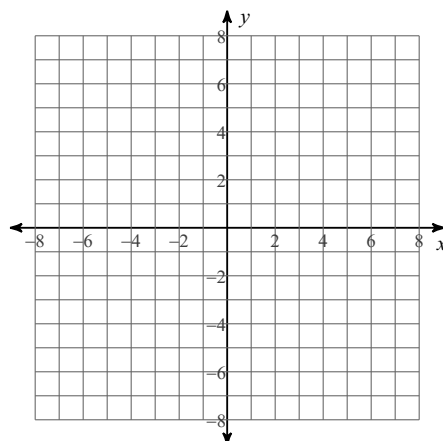
4) $f(x) = \frac{2}{x+2} - 3$



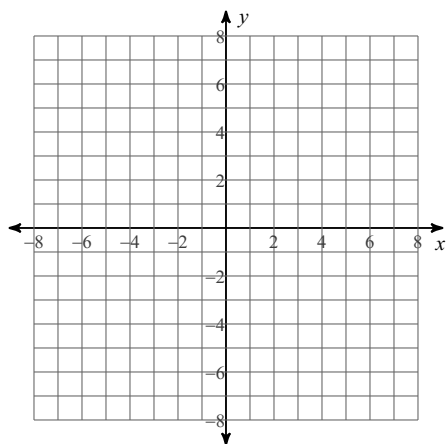
5) $f(x) = \frac{4}{x-1} + 2$



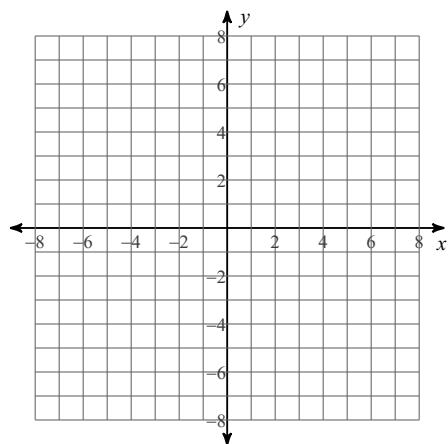
6) $f(x) = \frac{2}{x} + 3$



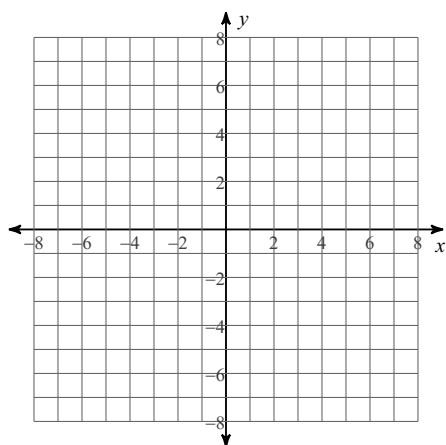
$$7) f(x) = -\frac{3}{x+1} - 2$$



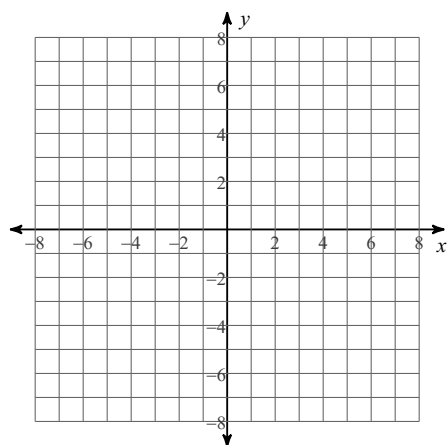
$$8) f(x) = \frac{1}{x+1} + 2$$



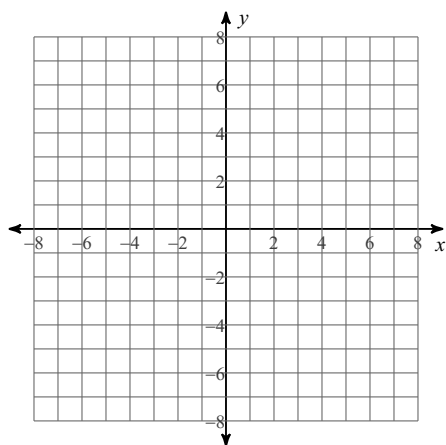
$$9) f(x) = \frac{2}{x-3}$$



$$10) f(x) = -\frac{1}{x+1} - 3$$



$$11) f(x) = -\frac{2}{x} + 1$$



$$12) f(x) = \frac{4}{x-1} - 1$$

