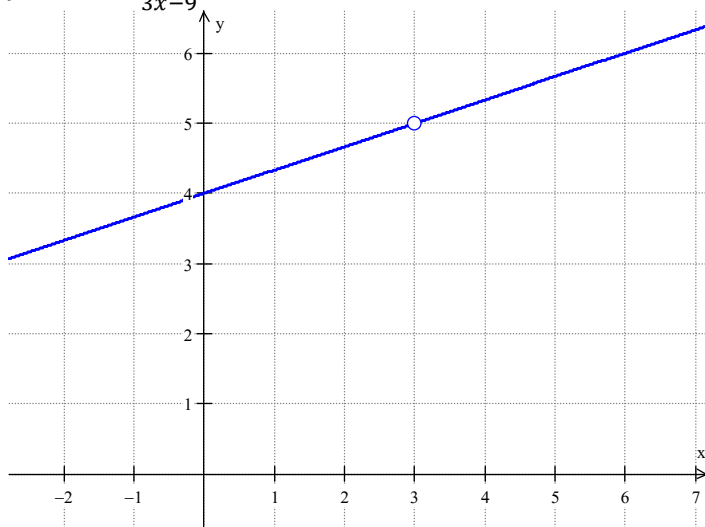
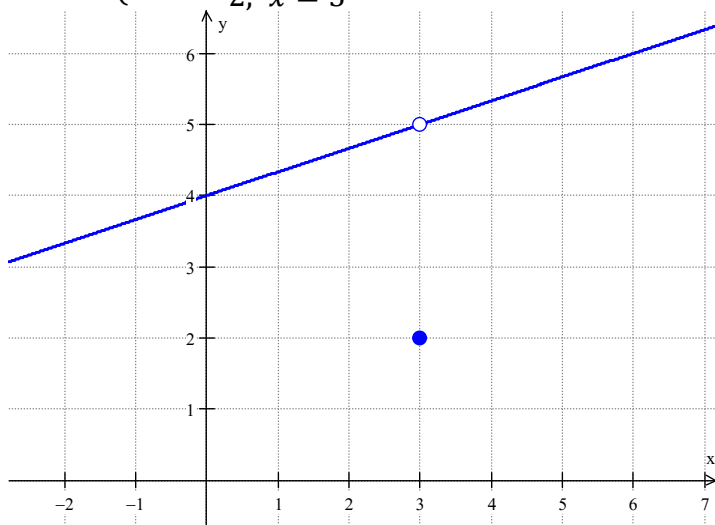


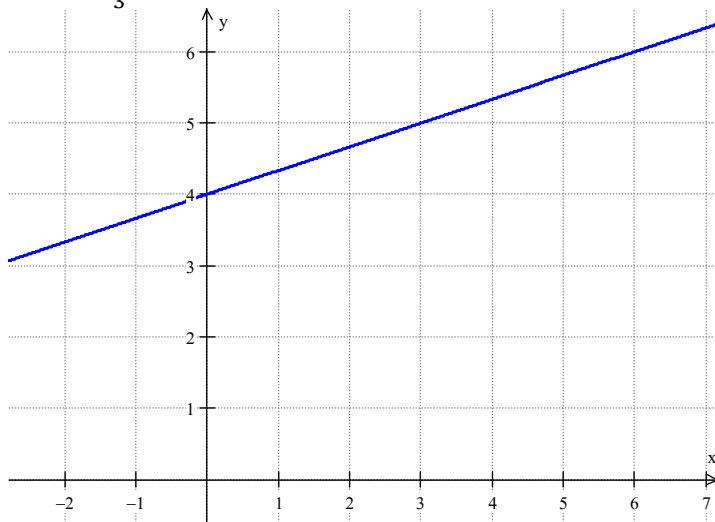
$$1) f(x) = \frac{x^2+9x-36}{3x-9}$$



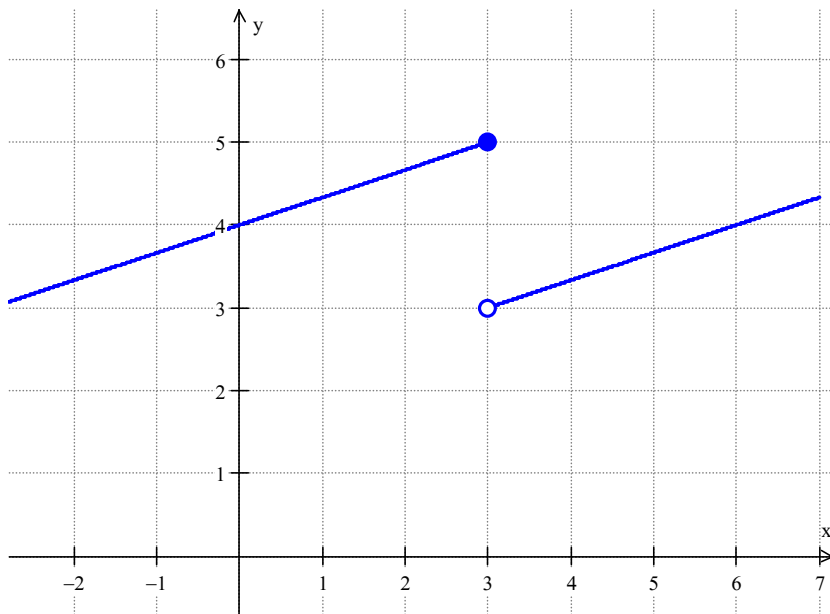
$$2) f(x) = \begin{cases} \frac{x^2+9x-36}{3x-9}, & x \neq 3 \\ 2, & x = 3 \end{cases}$$



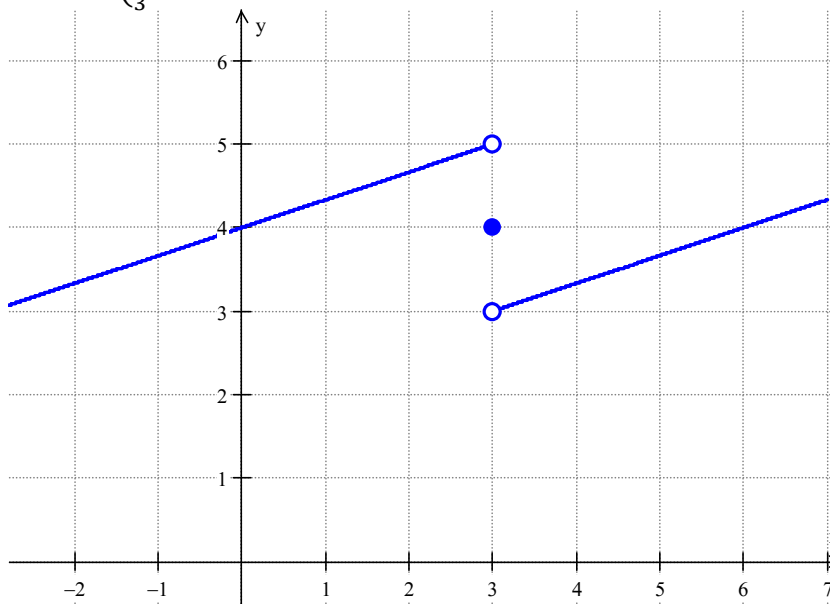
$$3) f(x) = \frac{1}{3}x + 4$$



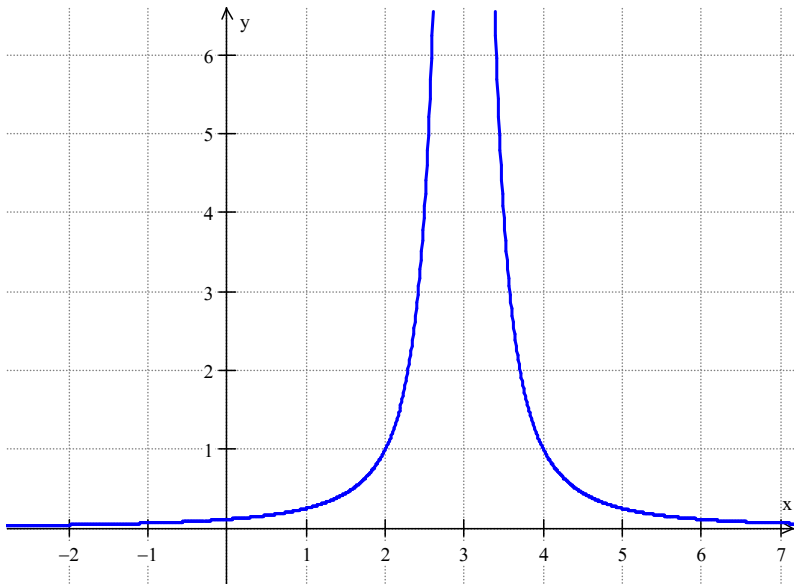
$$4) f(x) = \begin{cases} \frac{1}{3}x + 4, & x \leq 3 \\ \frac{1}{3}x + 2, & x > 3 \end{cases}$$



$$5) f(x) = \begin{cases} \frac{1}{3}x + 4 & x < 3 \\ 4 & x = 3 \\ \frac{1}{3}x + 2 & x > 3 \end{cases}$$



6) $f(x) = \frac{1}{(x-3)^2}$



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

