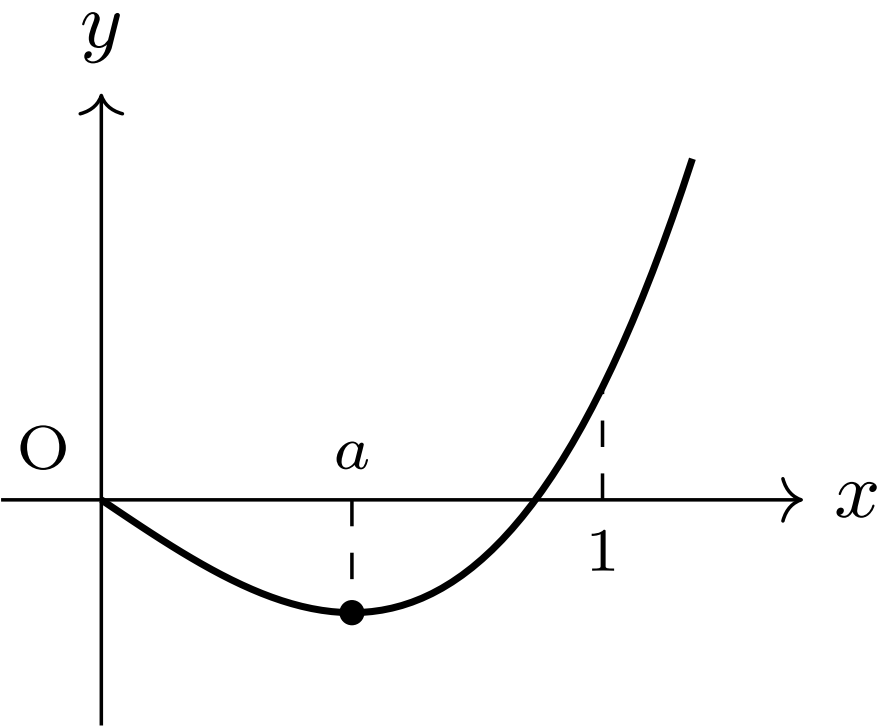
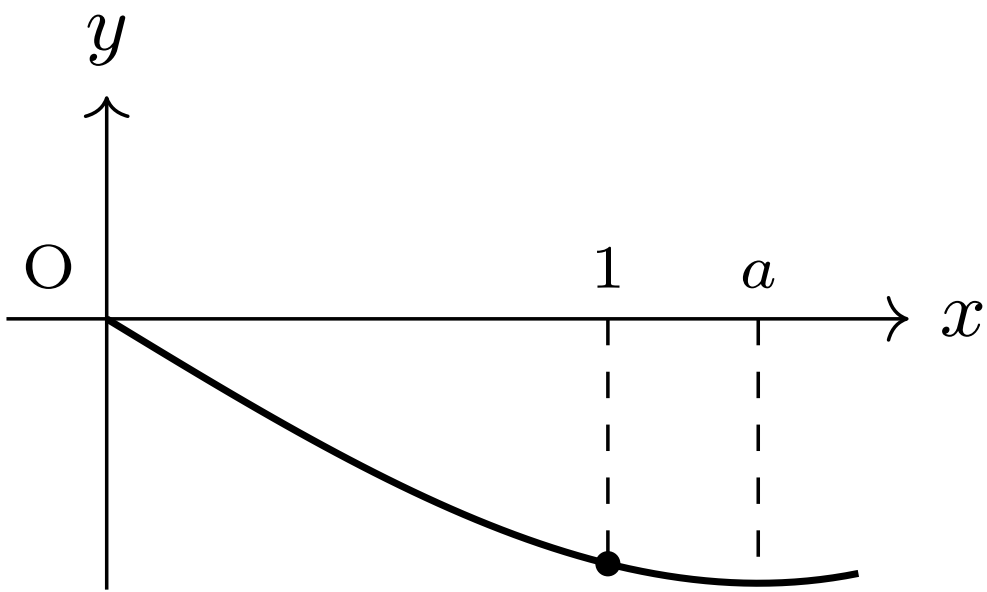


(i) $0 < a < 1$



(ii) $a \geqq 1$