№1.
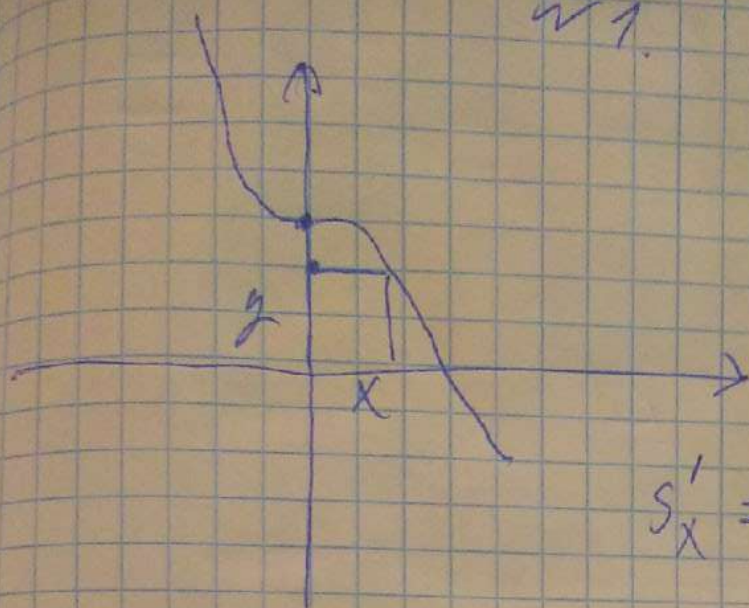
$S = x \cdot y$ ($S = u \cdot v$)

$y = -x^3 + 8$ ($v = -u^3 + 8$)

$\rightarrow$ $S = u(-u^3 + 8)$

$S'_x = -u^3 + 8 + u(-3u^2) =$

$= -4u^3 + 8 = 0$

$u^3 = 2$

$u = \sqrt[3]{2}$

$v = -2 + 8 = 6$

$S = 6\sqrt[3]{2}$

Ответ: $S = 6\sqrt[3]{2}$