

Vi behöver "bottenpunkten" ; $(0; 2)$.
 undre gr. ↓

Dessutom $y(8) = 0,25 \cdot 8^2 + 2 = 18$
 ↙ övre gr.

$$V = \pi \int_2^{18} x^2 dy = \pi \int_2^{18} \frac{y-2}{0,25} dy = \pi \int_2^{18} (4y-8) dy =$$

$$= \pi [2y^2 - 8y]_2^{18} = \pi (2 \cdot 18^2 - 8 \cdot 18 - 2 \cdot 2^2 + 8 \cdot 2) =$$

$$= \pi (28 \cdot 18 + 8) = 512\pi \approx 1608 \text{ cm}^3 = 1,6 \text{ l.}$$