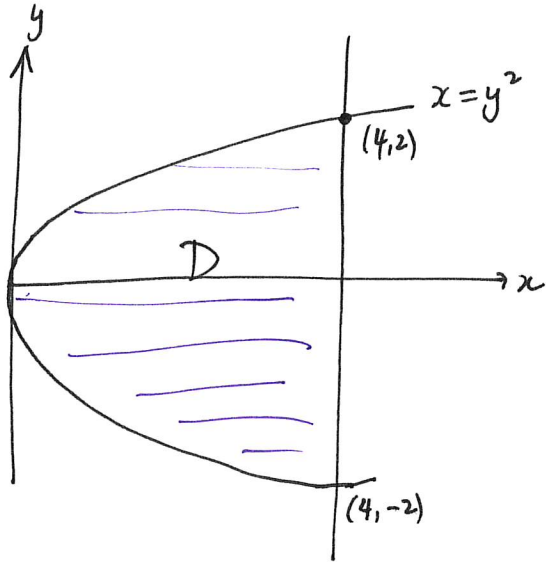


24



$$V = \int_{-2}^2 \int_{y^2}^4 (1 + z^2 y^2) dx dy$$

$$= \frac{2336}{27}$$

40.

$$D = \{(x, y) \mid 0 \leq x \leq 1, 0 \leq y \leq 1 - x^2\}$$

