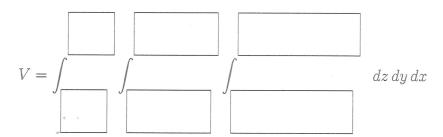
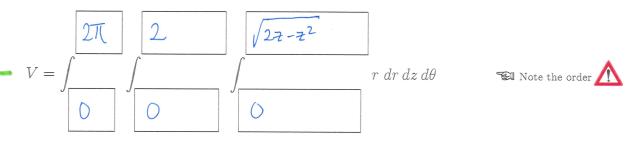
- **5.** Let V be the volume of the ball $B = \{(x, y, z) : x^2 + y^2 + z^2 \le 2z\}$.
- **a.** Only two of \bigcirc will be graded. Mark the ones you want to be graded by putting a \checkmark in the corresponding \square s.
 - lacktriangle Express V in terms of iterated integrals in Cartesian coordinates by filling in the rectangles.





 \bullet Express V in terms of iterated integrals in spherical coordinates by filling in the rectangles.

b. Compute V using its expression in terms of iterated integrals in one of the coordinate systems in part (a).

$$V = \int_{0}^{2\pi} \int_{0}^{2} \int_{0}^{2} \int_{0}^{2\pi} \int_{0}^{$$

