

$$\text{space left} = \pi(1.75)^2 4$$

$$= 754.77 \text{ cm}^3$$

$$\text{volume of meatball} = \frac{4}{3}\pi(1.75)^3$$

$$= 22.45 \text{ cm}^3$$

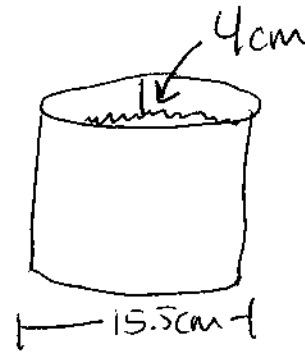
$$\text{meatballs until overflow} = \frac{\text{space left}}{\text{meatball volume}} = \frac{754.77}{22.45} = 33.6 \text{ meatballs}$$

+ 2 because the lip adds some volume

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$$35.6 \text{ meatballs}$$

$$\boxed{36 \text{ meatballs}}$$



OI →

$$\frac{36 + 3.5 + 3.4 + 3.7 + 3.5}{5}$$

$$= 3.5 \text{ cm}$$