Let the capacity of the tank = x litres

According to the question,

Quantity of water emptied by the leak in

1 hour = $\frac{x}{20}$ litres

Quantity of water filled by the tap in 1 hour = 120 litres

According to the question,

$$\frac{x}{20} - \frac{x}{30} = 120 \Rightarrow \frac{x}{10} - \frac{x}{15} = 240$$

$$\Rightarrow \frac{3x - 2x}{30} = 240$$

$$\Rightarrow \frac{x}{30} = 240$$

$$\Rightarrow x = 240 \times 30 = 7200 \; litres$$