## Calculation task № 16

When measuring the flow rate of an oil well, the liquid level in the tank with the diameter of 4.5 m raised by 2.68 m during 12 hours. What is the flow rate of the well in m<sup>3</sup>/day?

d = 4.5 m t = 12 hours h = 2.68 m

Determine : flow rate of the well (in m<sup>3</sup>/day)

 $Q_{well} - ?$ 

## Solution

Volumetric flow rate of the well is volume of liquid divided by time :

