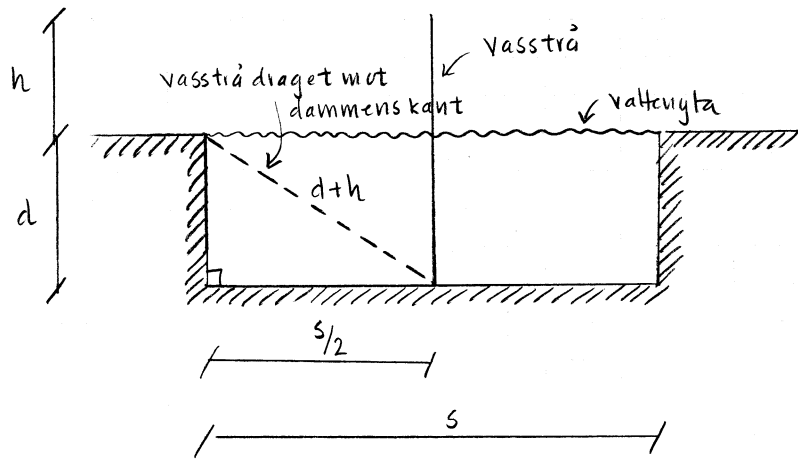


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Rita dammen och vassväret från sidan:



Pythagoras sats i triangeln i figuren ger

$$d^2 + \left(\frac{s}{2}\right)^2 = (d+h)^2$$

$$d^2 + \frac{s^2}{4} = d^2 + 2dh + h^2$$

$$\frac{s^2}{4} = 2dh + h^2$$

$$2dh = \frac{s^2}{4} - h^2$$

$$d = \frac{s^2}{4 \cdot 2h} - \frac{h^2}{2h}$$

$$d = \frac{s^2}{8h} - \frac{h}{2} \quad \square$$