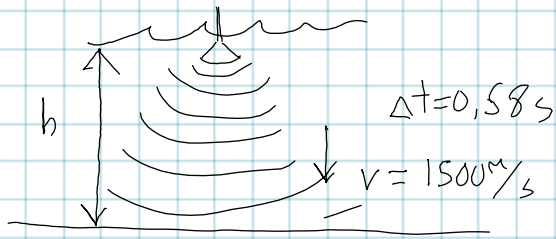


T2-32



Vastaus: 660m.

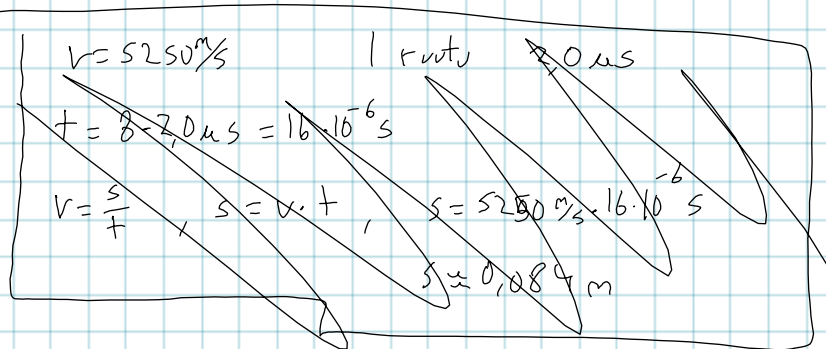
$$v \cdot \Delta t = 2 \cdot h \quad || : 2$$

$$h = \frac{v \cdot \Delta t}{2}$$

$$h = \frac{1500 \text{ m/s} \cdot 0,58 \text{ s}}{2}$$

$$h \approx 660 \text{ m}$$

T2-33



T2-33

$$v = 5250 \text{ m/s}$$

$$t = 8,20 \mu\text{s} = 16 \cdot 10^{-6} \text{ s}$$

$$s = 2 \cdot h$$

$$s = v \cdot t$$

$$2h = v \cdot t$$

$$h = \frac{v \cdot t}{2} = \frac{5250 \text{ m/s} \cdot 16 \cdot 10^{-6} \text{ s}}{2}$$

$$h \approx 0,042 \text{ m} \quad \text{Vastaus: } \underline{\underline{4,2 \text{ cm}}}$$

$$i) \quad t = 2,2 \cdot 2,0 \mu\text{s} = 4,4 \mu\text{s}$$

$$s = 2 \cdot h$$

$$\text{Vastaus: } \underline{\underline{1,2 \text{ cm}}}$$

$$2h = v \cdot t$$

$$h = \frac{v \cdot t}{2} = \frac{5250 \text{ m/s} \cdot 4,4 \cdot 10^{-6} \text{ s}}{2}$$

$$h \approx 0,01155 \text{ m} \approx 1,2 \text{ cm}$$