

8

1. (10)

10 , S = 100 .
 $t = t_1 + t_2 + t_3 + t_4 + t_5 + t_6 + t_7 + t_8 + t_9 + t_{10} .$

$t_1 = \frac{S_1}{V_1} \quad t \approx 29,29$

$V = \frac{S}{t} ; S = 50 ; t = 6,46 . \quad V = 7,74 / .$

2. (8)

$= \rho g V$
 $F_{A1} = P - P_1 \quad P_1 = P - F_{A1} \quad F_{A1} = \rho_1 g V$
 $F_{A2} = P - P_2 \quad P_2 = P - F_{A2} \quad F_{A2} = \rho_2 g V$
 $\rho = \frac{\dots_1 P_2 - \dots_2 P_1}{P_2 - P_1}$

3. (7)

$S_2 = 10 . \quad S_2 = 2 S_1$
 $= 20 \quad 10 \quad 5 = 1000 \quad = S_1 = m \quad g S_1$
 $= F S_2 ; \quad = 120 \quad 10 = 1200$
 $y = \frac{1000}{1200} \cdot 100\% ; y = \frac{1000}{1200} \cdot 100\% = 83\%$

4. (10)

$\dots S = \frac{f d^2}{4} .$
 ()
 (0,5) .