

Blatt 26

- 1: a:  $31,74 : 3,45 = 3174 : 345 = 9,2$  [ Liter ]  
b:  $31,74 * 9,6 S = 304,704 S$  [ S = Schilling – österreichische Geldeinheit ]
- 2:  $96 \text{ km} : 60 = 1,6 \text{ km} = 1600 \text{ m}$
- 3:  $24,8 \text{ L} * 140 = 3472$
- 4:  $A = l * b = 8,025 \text{ m} * 3,086 \text{ m} = 24,765150 \text{ m}^2 = 2476,515 \text{ dm}^2 = 247651,5 \text{ cm}^2$   
 $u = 2 * (l + b) = 2 * (8,025 \text{ m} + 3,086 \text{ m}) = 2 * 11,111 \text{ m} = 22,222 \text{ m}$
- 5:  $a = u : 4 = 12,5 \text{ m} : 4 = 3,125 \text{ m}$   
 $A = a^2 = 3,125 \text{ m} * 3,125 \text{ m} = 9,765625 \text{ m}^2$
- 6:  $u = 2 * (l + b) = 2 * (28,15 \text{ m} + 12,5 \text{ m}) = 2 * 40,65 \text{ m} = 81,3 \text{ m}$   
Drahtlänge:  $3 * 81,3 \text{ m} = 243,9 \text{ m} = 0,2439 \text{ km} = 2439 \text{ dm} = 24390 \text{ cm}$
- 7:  $u = l + 2 * b = 35,37 \text{ m} + 2 * 21,2 \text{ m} = 35,37 \text{ m} + 42,4 \text{ m} = 77,77 \text{ m}$   
 $A = l * b = 35,37 \text{ m} * 21,2 \text{ m} = 749,844 \text{ m}^2 = 7,49844 \text{ a} = 74984,4 \text{ dm}^2$
- 8: siehe Schulheft
- 9:  $u = 518,32 \text{ m} - 2 * 148,05 \text{ m} = 296,1 \text{ m}$  d. h.  $2 * b = 518,32 \text{ m} - 296,1 \text{ m} = 222,22 \text{ m}$   
d. h.  $b = 222,22 \text{ m} : 2 = 111,11 \text{ m}$   
 $A = l * b = 148,05 \text{ m} * 111,11 \text{ m} = 16449,8355 \text{ m}^2 = 164,498355 \text{ a} = 1,64498355 \text{ ha}$
- 10:  $u = 4 * a$  d. h.  $a = 49,2 \text{ m} : 4 = 12,3 \text{ m}$   
 $A = a^2 = 12,3 \text{ m} * 12,3 \text{ m} = 151,29 \text{ m}^2$