1. a.) $V_c = 6m \cdot 2{,}5m \cdot 2{,}5m = \underline{37{,}5\ m^3}$

$\Rightarrow 60 \cdot V_c = 60 \cdot 37{,}5\ m^3 = \underline{2'250\ m^3}$ 1

b.) $A = 15 \cdot 6m \cdot 2{,}5m +$
$12 \cdot 6m \cdot 2{,}5m +$
$20 \cdot 2{,}5m \cdot 2{,}5m$
$= 225\ m^2 + 180\ m^2 + 125\ m^2$
$= \underline{530\ m^2}$ 1

(2)

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2. a.) $A_c = 6m \cdot 2{,}5m = \underline{15\ m^2}$

$\Rightarrow 60 \cdot A_c = 60 \cdot 15\ m^2 = \underline{900\ m^2}$ 1

b.) $60 = 5 \cdot 12$

$a = 5 \cdot 6m = \underline{30m}$

$b = 12 \cdot 2{,}5\ m = \underline{30m}$

$\Rightarrow u = 2 \cdot (a+b) = 2 \cdot (30m + 30m) = \underline{120m}$ 1

(2)

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3. $30'000\ dm^3 \cdot 0{,}8 = \underline{24'000\ dm^3}$ ½

$24'000\ dm^3 \cdot 0{,}75 \frac{kg}{dm^3} = \underline{18'000\ kg}$ ½

$18'000\ kg + 1'800\ kg = \underline{19'800\ kg}$ ½

$\Rightarrow 60 \cdot 19'800\ kg = \underline{1'188'000\ kg}$ ½

(2)

4.

48 ≙ $\frac{3}{4}$ von 40% = 30%

(1) 1 160 ≙ 100%

5.

2'304 ≙ 36%

(1) 16'400 ≙ 100%

6.

(2)

Note	3	3.5	4	4.5	5	5.5	6
Absolut	1	3	6	7	8	5	2
Relativ (Prozent)	3,125%	9,375%	18,75%	21,875%	25%	15,625%	6,25%
Winkel (Grad)	11,25°	33,75°	67,5°	78,75°	90°	56,25°	22,5°

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