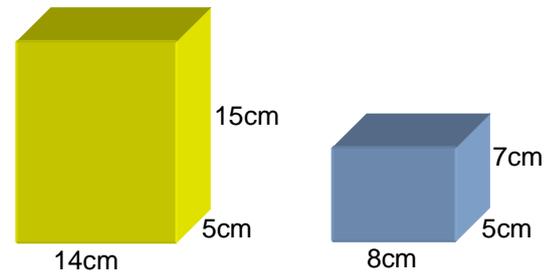
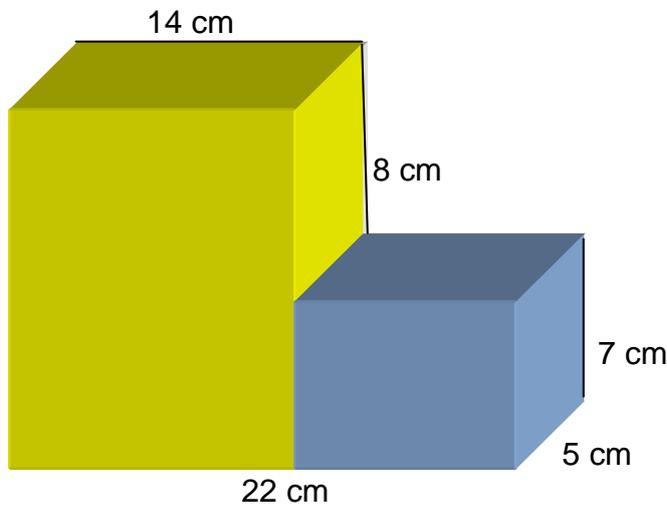


Lösungsweg:

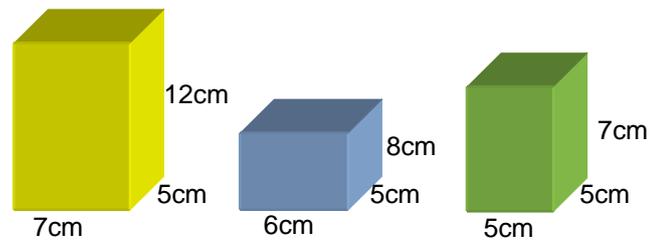
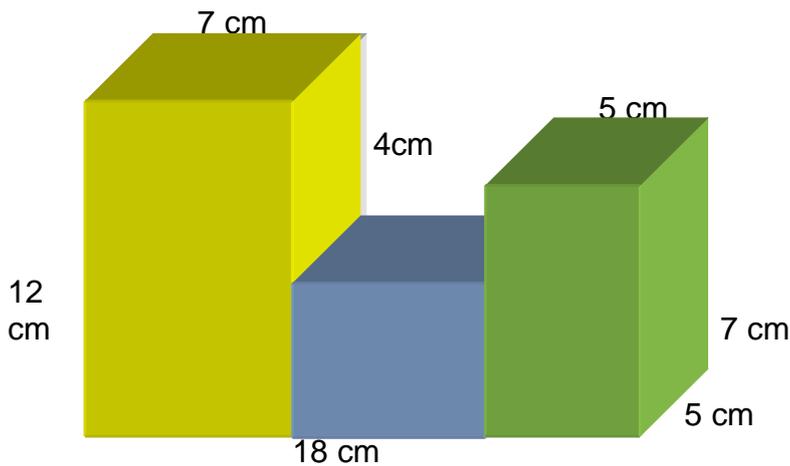
1. Teile den Körper in Quader
2. Notiere für jeden Quader die Länge, Breit und Höhe
3. Berechne die Teilvolumen
4. Addiere die Teilvolumen zum Gesamtvolumen



$$V1 = 14\text{cm} * 5\text{cm} * 15\text{cm} = 1050\text{cm}^3$$

$$V2 = 8\text{cm} * 5\text{cm} * 7\text{cm} = 280\text{cm}^3$$

$$V1 + V2 = 1050\text{cm}^3 + 280\text{cm}^3 = 1330\text{cm}^3$$



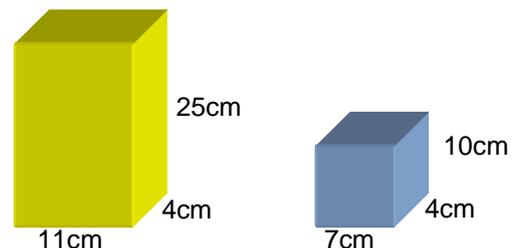
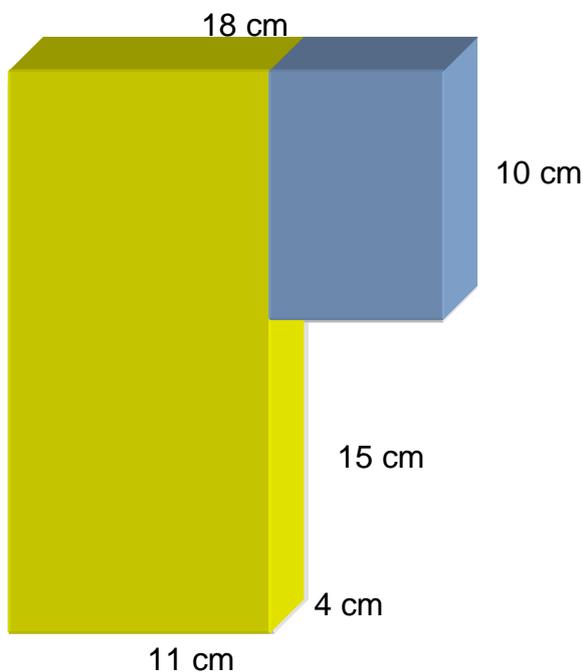
$$V1 = 7\text{cm} * 5\text{cm} * 12\text{cm} = 420\text{cm}^3$$

$$V2 = 6\text{cm} * 5\text{cm} * 8\text{cm} = 240\text{cm}^3$$

$$V3 = 5\text{cm} * 5\text{cm} * 7\text{cm} = 175\text{cm}^3$$

$$V1 + V2 + V3 = 420\text{cm}^3 + 240\text{cm}^3 + 175\text{cm}^3$$

$$V1 + V2 + V3 = 835\text{cm}^3$$



$$V1 = 11\text{cm} * 4\text{cm} * 25\text{cm} = 1100\text{cm}^3$$

$$V2 = 7\text{cm} * 4\text{cm} * 10\text{cm} = 280\text{cm}^3$$

$$V1 + V2 = 1100\text{cm}^3 + 280\text{cm}^3 = 1380\text{cm}^3$$