

Raummaße – Umwandlungen

Lösungsblatt

Erklärung!

Seitenlänge eines Würfels	1 m	1 dm		1 cm	1 mm
Rauminhalt	1 m ³	1 dm ³		1 cm ³	1 mm ³
	1 m ³ = 1000 dm ³	1 dm ³ =	1000 cm ³	1 cm ³ = 1000 mm ³	
hl = Hektoliter 1 m ³ = 10 hl	1 hl = 100 l	1 dm ³ = 1 l 10.10.10 = 1000 cm ³	dl = Deziliter cl = Zentiliter ml = Milliliter	1 l = 10 dl 1 dl = 10 cl 1 cl = 10 ml	

Beispiele:

Verwandle in die angegebene Einheit!

4 m ³ = 4000 dm ³	2300 dm ³ = 2,3 m ³
27,3 m ³ = 27300 dm ³	4028 dm ³ = 4,028 m ³
8,296 m ³ = 8296 dm ³	450 dm ³ = 0,45 m ³
7 dm ³ = 7000 cm ³	78960 cm ³ = 78,96 dm ³
3,4 dm ³ = 3400 cm ³	28004 cm ³ = 28,004 dm ³
9,36 cm ³ = 9360 mm ³	2756 mm ³ = 2,756 cm ³
5,207 cm ³ = 5207 mm ³	750 mm ³ = 0,75 cm ³
4 m ³ 278 dm ³ = 4278 dm ³	4,936 m ³ = 4 m ³ 936 dm ³
27 m ³ 45 dm ³ = 27045 dm ³	7,080 m ³ = 7 m ³ 80 dm ³
8 m ³ 6 dm ³ = 8006 dm ³	3,009 m ³ = 3 m ³ 9 dm ³
7 dm ³ 680 cm ³ = 7680 cm ³	10,480 dm ³ = 10 dm ³ 480 cm ³
3 dm ³ 800 cm ³ = 3800 cm ³	3,028 dm ³ = 3 dm ³ 28 cm ³
9 dm ³ 60 cm ³ = 9060 cm ³	6,5 dm ³ = 6 dm ³ 500 cm ³
5 cm ³ 4 mm ³ = 5004 mm ³	2,04 cm ³ = 2 cm ³ 40 mm ³
13 cm ³ 24 mm ³ = 13024 mm ³	9,902 cm ³ = 9 cm ³ 902 mm ³
5 cm ³ 314 mm ³ = 5314 mm ³	16,324 cm ³ = 16 cm ³ 324 mm ³
3 dl 6 cl 4 ml = 364 cm ³	748 cm ³ = 7 dl 4 cl 8 ml
8 dl 6 ml = 806 cm ³	1839 cm ³ = 1 dm ³ 8 dl 3 cl 9 ml
5 cl 2 ml = 52 cm ³	24300 cm ³ = 24 dm ³ 3 dl
9 dl = 900 cm ³	205 cm ³ = 2 dl 5 ml
16 dl 4 ml = 1 dm ³ 4 cm ³	25 cm ³ = 2 cl 5 ml
4 l = 4 dm ³	13 dm ³ = 13 l
52 l = 52 dm ³	120 dm ³ = 120 l
0,2 l = 0,2 dm ³ = 200 cm ³	3 m ³ = 3000 l = 30 hl
8000 l = 8 m ³ = 80 hl	9,7 m ³ = 9700 l = 97 hl
480 l = 0,48 m ³ = 4,8 hl	5 hl = 500 l = 500 dm ³
4 hl 32 l = 432 l = 432 dm ³	3 m ³ 750 dm ³ = 3750 dm ³ = 3750 l