Metric Volume Conversions

Name:		
1.	500 dm³ to m³ :	
	57 cm³ to mm³:	
3.	9000 mm³ to cm³ :	
4.	3 m ³ to cm ³ :	
5.	90 dm³ to m³:	
6.	680 cm ³ to dm ³ :	
7.	50 m ³ to dm ³ :	
8.	2 km³ to dam³ :	
9.	8000 cm ³ to m ³ :	
10.	19 hm³ to dam³:	
11. 500 000 m³ to hm³ :		
12.	8 km³ to m³:	
13. 11 200 dm³ to dam³ :		
14.	52 000 cm³ to m³:	
15.	101 dam ³ to m ³ :	
6.	8000 mm³ to dm³ :	

Metric Volume Conversions

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17. Karen has a pool that holds 100 000 m ³ of water that she needs to maintain properly.		
a)	1 chlorine puck contains 5 grams of chlorine and she needs 1 puck per 10 dam³ of water. How many grams of chlorine does Karen need?	
b)	Since it's summer and the weather is warm, water evaporates from Karen's pool at a rate of 10 000 000 cm³ per day. If the amount of water in the pool goes below 99 940 m³, her skimmer will stop working. If Karen starts off with 100 000 m³ in her pool, how many days until the skimmer stops working?	
c)	Karen notices her pool has gone down to 99 950 m³ and wants to fill it up with the hose. The hose runs at a rate of 2500 dm³ per hour. How many hours will she need to run the hose for so the pool is full again? (100 000 m³)	