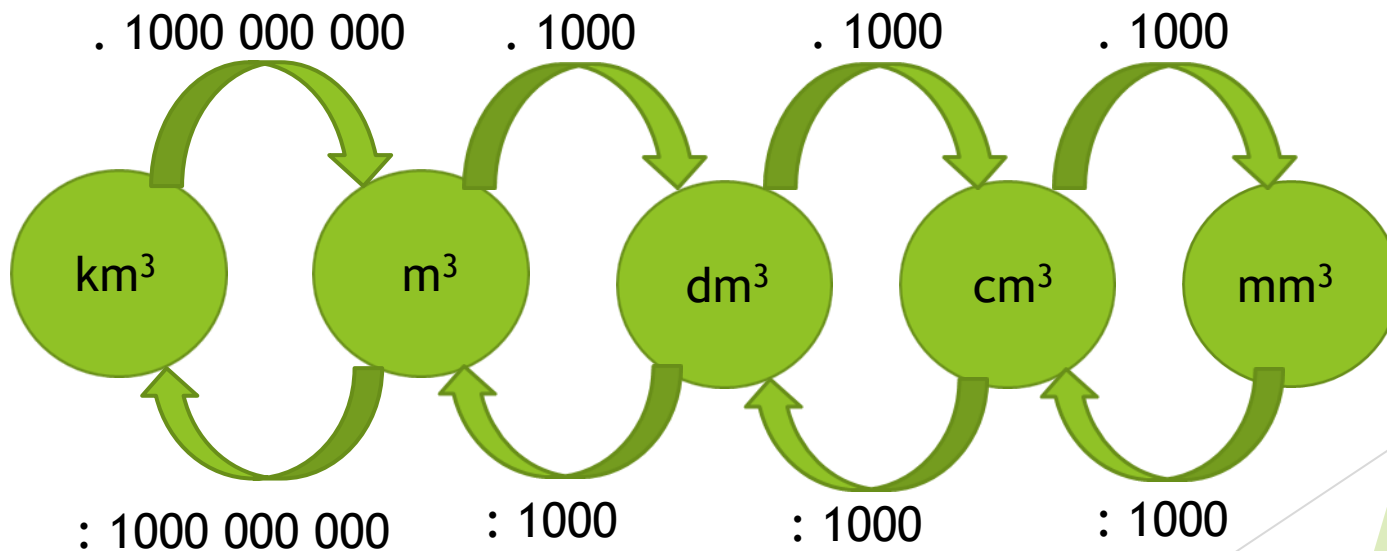


# **Meranie objemu tuhých telies – prevody jednotiek**

# Meranie objemu

- ▶ je fyzikálna veličina, označujeme ju **V**
- ▶ základnou jednotkou je **meter kubický**, označujeme **m<sup>3</sup>**
- ▶ na meranie objemu používame **odmerný valec**
- ▶ **KUBICKÁ SÚSTAVA:**

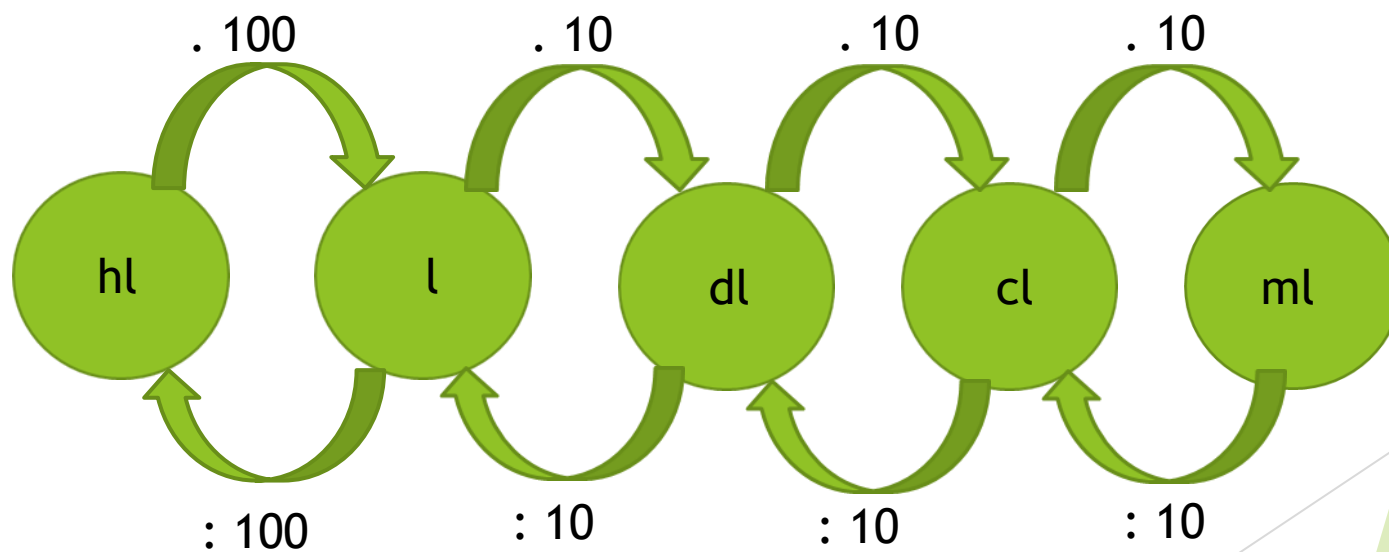


# PREMEŇ:

- ▶  $2 \text{ m}^3 (\text{dm}^3) =$
- ▶  $8,3 \text{ dm}^3 (\text{m}^3) =$
- ▶  $103 \text{ dm}^3 (\text{mm}^3) =$
- ▶  $0,19 \text{ m}^3 (\text{cm}^3) =$
- ▶  $400000 \text{ km}^3 (\text{m}^3) =$
- ▶  $12 \text{ cm}^3 (\text{m}^3) =$
- ▶  $1,3 \text{ dm}^3 (\text{cm}^3) =$
- ▶  $0,003 \text{ m}^3 (\text{mm}^3) =$
- ▶  $0,607 \text{ m}^3 (\text{cm}^3) =$
- ▶  $148 \text{ cm}^3 (\text{dm}^3)$

# ZOPAKUJEME:

► OBYČAJNÁ SÚSTAVA:



# Z OBYČAJNEJ SÚSTAVY DO KUBICKEJ A NAOPAK:

- ▶ PREVOD pomocou:

$$1 \text{ l} = 1 \text{ dm}^3$$

$$1 \text{ ml} = 1 \text{ cm}^3$$

Napr.      22 l = 22 dm<sup>3</sup>      45 ml = 45 cm<sup>3</sup>

- ▶ 13 l (cm<sup>3</sup>) = 13 l = 13 dm<sup>3</sup> = 13000 cm<sup>3</sup>
- ▶ 4000 ml (m<sup>3</sup>) = 4000 ml = 4000 cm<sup>3</sup> = 0,004 m<sup>3</sup>

Napr.

- ▶  $98 \text{ cm}^3 \text{ (dl)} = 98 \text{ cm}^3 = 98 \text{ ml} = 0,98 \text{ dl}$
- ▶  $6000 \text{ dm}^3 \text{ (hl)} = 6000 \text{ dm}^3 = 6000 \text{ l} = 60 \text{ hl}$

Premeň:

- ▶  $3,2 \text{ m}^3 \text{ (l)} =$
- ▶  $8000 \text{ ml (m}^3) =$
- ▶  $109 \text{ dl (m}^3) =$
- ▶  $8,5 \text{ hl (m}^3) =$
- ▶  $941 \text{ mm}^3 \text{ (cl)} =$