

Rejstříček - úsměv!

8. Převádějte postupně na uvedené jednotky.

- a) $2,4 \text{ m}^3 = 2400 \text{ dm}^3 = 2400 \text{ l} = 24 \text{ hl}$
- b) $74 \text{ dl} = 7,4 \text{ l} = 7,4 \text{ dm}^3 = 7400 \text{ cm}^3$
- c) $0,43 \text{ hl} = 43 \text{ l} = 43 \text{ dm}^3 = 0,043 \text{ m}^3$
- d) $1745 \text{ ml} = 1,745 \text{ l} = 1,745 \text{ dm}^3 = 0,001745 \text{ m}^3$
- e) $12,54 \text{ dm}^3 = 12540 \text{ cm}^3 = 12540 \text{ ml} = 12,54 \text{ l}$
- f) $0,015 \text{ m}^3 = 15 \text{ dm}^3 = 15000 \text{ cm}^3 = 15000 \text{ ml}$
- g) $117 \text{ cl} = 11,7 \text{ dl} = 11,7 \text{ dm}^3 = 1170 \text{ cm}^3$
- h) $57 \text{ hl} = 5700 \text{ l} = 5700 \text{ dm}^3 = 5700000 \text{ cm}^3$

9. Převeďte na hektolitry.

- a) $7 \text{ m}^3 = 7000 \text{ dm}^3 = 7000 \text{ l} = 70 \text{ hl}$
- b) $695 \text{ dm}^3 = 695 \text{ l} = 6,95 \text{ hl}$
- c) $7145 \text{ cm}^3 = 7,145 \text{ dm}^3 = 7,145 \text{ l} = 0,07145 \text{ hl}$
- d) $274 \text{ mm}^3 = 0,000274 \text{ dm}^3 = 0,000274 \text{ l} = 0,00000274 \text{ hl}$
- e) $15000 \text{ cm}^3 = 15 \text{ dm}^3 = 15 \text{ l} = 0,15 \text{ hl}$

10. Převeďte na mililitry.

- a) $3,6 \text{ l} = 3600 \text{ ml}$ b) $32,7 \text{ dl} = 32700 \text{ ml}$ c) $0,254 \text{ cl} = 2,54 \text{ ml}$
- $0,009 \text{ hl} = 900 \text{ ml}$ $0,08 \text{ l} = 80 \text{ ml}$ $1,026 \text{ dl} = 102,6 \text{ ml}$
- $2,6 \text{ cl} = 26 \text{ ml}$ $0,005 \text{ l} = 5 \text{ ml}$ $0,88 \text{ hl} = 88000 \text{ ml}$

11. Převeďte postupně na uvedené jednotky.

- a) $0,04 \text{ l} = 40 \text{ ml} = 40 \text{ cm}^3 = 40000 \text{ mm}^3$
- b) $11,6 \text{ dl} = 116 \text{ l} = 116 \text{ dm}^3 = 0,00116 \text{ m}^3$
- c) $875 \text{ hl} = 87500 \text{ l} = 87500 \text{ dm}^3 = 87,5 \text{ m}^3$
- d) $13155 \text{ mm}^3 = 0,013155 \text{ dm}^3 = 0,013155 \text{ l} = 0,00013155 \text{ hl}$
- e) $194 \text{ dm}^3 = 194000 \text{ cm}^3 = 194000 \text{ ml} = 1940 \text{ dl}$
- f) $374 \text{ cl} = 37,4 \text{ dl} = 37,4 \text{ dm}^3 = 3740000 \text{ mm}^3$
- g) $0,026 \text{ m}^3 = 26 \text{ dm}^3 = 26 \text{ l} = 0,26 \text{ hl}$
- h) $0,07 \text{ dm}^3 = 70 \text{ cm}^3 = 70 \text{ ml} = 7 \text{ cl}$
- i) $12568 \text{ ml} = 12568 \text{ cm}^3 = 12,568 \text{ dm}^3 = 0,012568 \text{ m}^3$

1. Doplňte tabulku.

m^3	dm^3	cm^3	mm^3
0,000 2	0,2	200	200 000
0,000 0012	0,0012	1,2	1200
0,370	370	370 000	370 000 000
0,000 185 637	0,185 637	185,637	185 637
0,0071	7,1	7 100	7 100 000

2. Převedte.

$$\begin{aligned}
 0,1 \text{ dm}^3 &= \underline{100} \text{ cm}^3 \\
 0,076 \text{ m}^3 &= \underline{76} \text{ dm}^3 \\
 56 \text{ cm}^3 &= \underline{0,056} \text{ dm}^3 \\
 1\,264 \text{ mm}^3 &= \underline{1,264} \text{ cm}^3 \\
 24,8 \text{ dm}^3 &= \underline{0,0248} \text{ m}^3 \\
 0,09 \text{ cm}^3 &= \underline{90} \text{ mm}^3
 \end{aligned}$$

3. Převedte jednotky objemu.

$$\begin{aligned}
 1,7 \text{ m}^3 &= \underline{1700} \text{ dm}^3 & 396 \text{ cm}^3 &= \underline{0,396} \text{ dm}^3 & 19,3 \text{ cm}^3 &= \underline{19\,300} \text{ mm}^3 \\
 1\,245 \text{ mm}^3 &= \underline{1,245} \text{ cm}^3 & 0,2 \text{ dm}^3 &= \underline{200\,000} \text{ mm}^3 & 74,9 \text{ m}^3 &= \underline{74\,900} \text{ dm}^3 \\
 187 \text{ dm}^3 &= \underline{0,187} \text{ m}^3 & 8 \text{ cm}^3 &= \underline{0,008} \text{ dm}^3 & 164,5 \text{ mm}^3 &= \underline{0,1645} \text{ cm}^3 \\
 0,94 \text{ dm}^3 &= \underline{0,00094} \text{ m}^3 & 3,1 \text{ m}^3 &= \underline{3\,100\,000} \text{ cm}^3 & 6,81 \text{ cm}^3 &= \underline{0,00681} \text{ dm}^3
 \end{aligned}$$

4. Seřadte objemy od nejmenšího po největší.

$$\begin{array}{cccc}
 0,000\,74 \text{ m}^3 & 7,4 \text{ dm}^3 & 74\,000 \text{ mm}^3 & 740 \text{ cm}^3 \\
 \underline{0,74 \text{ dm}^3} & & \underline{74 \text{ cm}^3} & \underline{0,74 \text{ dm}^3} \\
 3. & 2. & 1. & 3.
 \end{array}$$

5. Doplňte tabulku.

hl	l	dl	cl	ml
0,032 4	3,24	32,4	324	3 240
0,0153	1,53	15,3	153	1 530
0,021	2,1	21	210	2 100
1,65 324	165,324	1653,24	16532,4	165 324
0,1326	13,26	132,6	1 326	13 260

6. Převedte.

$$\begin{aligned}
 0,1 \text{ dl} &= \underline{1} \text{ cl} \\
 34 \text{ ml} &= \underline{3,4} \text{ cl} \\
 0,7 \text{ hl} &= \underline{70} \text{ l} \\
 237 \text{ dl} &= \underline{23,7} \text{ l} \\
 326 \text{ cl} &= \underline{3,26} \text{ l} \\
 1\,325 \text{ dl} &= \underline{0,1325} \text{ hl}
 \end{aligned}$$

7. Převedte jednotky objemu.

$$\begin{array}{lll}
 \text{a)} & & \text{b)} \\
 1,87 \text{ m}^3 &= \underline{1870} \text{ dm}^3 & 1,6 \text{ cm}^3 = \underline{0,0016} \text{ dm}^3 \\
 363 \text{ dm}^3 &= \underline{1363} \text{ cm}^3 & 1,2 \text{ hl} = \underline{120} \text{ l} \\
 \text{cm}^3 &= \underline{2} \text{ ml} & 82,7 \text{ dm}^3 = \underline{0,0827} \text{ m}^3 \\
 6 \text{ hl} &= \underline{60} \text{ l} & 258 \text{ mm}^3 = \underline{0,258} \text{ cm}^3 \\
 71 \text{ l} &= \underline{3,57} \text{ hl} & 67 \text{ ml} = \underline{0,067} \text{ l} \\
 757 \text{ dm}^3 &= \underline{1,757} \text{ m}^3 & 93 \text{ cl} = \underline{9,3} \text{ dl} \\
 & & \text{c)} \\
 124 \text{ mm}^3 &= \underline{0,124} \text{ cm}^3 \\
 13,6 \text{ dm}^3 &= \underline{13,6} \text{ l} \\
 0,084 \text{ cm}^3 &= \underline{84} \text{ mm}^3 \\
 86 \text{ cl} &= \underline{860} \text{ ml} \\
 59 \text{ dl} &= \underline{590} \text{ cl} \\
 0,005 \text{ hl} &= \underline{0,5} \text{ l}
 \end{array}$$