

Úlohy na precvičenie vzájomných premien jednotiek objemu.

1. Premeň jednotky objemu na jednotky objemu uvedené v zátvorke:

- | | | | |
|--|---------------|--|---------------|
| a) $10 \text{ dm}^3 (\text{mm}^3) =$ | mm^3 | g) $0,49 \text{ cm}^3 (\text{mm}^3) =$ | mm^3 |
| b) $1,23 \text{ hl} (\text{ml}) =$ | ml | h) $17 \text{ hl} (\text{m}^3) =$ | m^3 |
| c) $670 \text{ ml} (\text{l}) =$ | l | i) $1,87 \text{ dm}^3 (\text{mm}^3) =$ | mm^3 |
| d) $300,5 \text{ m}^3 (\text{dm}^3) =$ | dm^3 | j) $70 \text{ ml} (\text{cm}^3) =$ | cm^3 |
| e) $5,9 \text{ m}^3 (\text{cm}^3) =$ | cm^3 | k) $4 \text{ hl} (\text{dl}) =$ | dl |
| f) $5,72 \text{ ml} (\text{hl}) =$ | hl | l) $207,7 \text{ hl} (\text{dm}^3) =$ | dm^3 |

2. Porovnaj a doplň znaky $<$, $=$, $>$.

- | | | | |
|--------------------------|----------------------|------------------------|----------------------|
| a) 990 ml | 990 cm^3 | j) 23 hl | 230 l |
| b) $8,53 \text{ m}^3$ | 85000 dm^3 | k) $0,98 \text{ dm}^3$ | 980 cm^3 |
| c) $0,19 \text{ dm}^3$ | 190 hl | l) 56 mm^3 | $0,56 \text{ cm}^3$ |
| d) 453 cm^3 | 45300 mm^3 | m) 234 dm^3 | 2340 ml |
| e) $1,99 \text{ hl}$ | 193 l | n) 13 cl | $1,3 \text{ dl}$ |
| f) $74,873 \text{ dm}^3$ | $7,48 \text{ m}^3$ | o) $22,4 \text{ m}^3$ | 234 hl |
| g) $94,9 \text{ ml}$ | $0,95 \text{ dl}$ | p) $0,4 \text{ m}^3$ | 40 hl |
| h) 64 cl | 1450 ml | q) $25,3 \text{ ml}$ | 253 cm^3 |
| i) $0,0006 \text{ m}^3$ | 6 dm^3 | r) $9,97 \text{ cm}^3$ | $0,009 \text{ dm}^3$ |

3. Premeň jednotky objemu na jednotky objemu uvedené v zátvorke:

- | | | | |
|---|---------------|---|---------------|
| a) $0,4 \text{ ml} (\text{l}) =$ | l | j) $0,0023 \text{ hl} (\text{dl}) =$ | dl |
| b) $1,57 \text{ m}^3 (\text{dm}^3) =$ | dm^3 | k) $120,3 \text{ dm}^3 (\text{m}^3) =$ | m^3 |
| c) $3,5 \text{ hl} (\text{ml}) =$ | ml | l) $0,003 \text{ cl} (\text{l}) =$ | l |
| d) $450 \text{ mm}^3 (\text{cm}^3) =$ | cm^3 | m) $14\ 000 \text{ hl} (\text{cm}^3) =$ | cm^3 |
| e) $32,23 \text{ cm}^3 (\text{dm}^3) =$ | dm^3 | n) $373\ 000 \text{ cm}^3 (\text{m}^3) =$ | m^3 |
| f) $0,2 \text{ dm}^3 (\text{m}^3) =$ | m^3 | o) $3,7 \text{ dl} (\text{mm}^3) =$ | mm^3 |
| g) $99 \text{ cl} (\text{l}) =$ | l | p) $10,4 \text{ hl} (\text{dl}) =$ | dl |
| h) $54 \text{ m}^3 (\text{cm}^3) =$ | cm^3 | q) $2700 \text{ cm}^3 (\text{dm}^3) =$ | dm^3 |
| i) $4,2 \text{ l} (\text{dm}^3) =$ | dm^3 | r) $16,2 \text{ dl} (\text{hl}) =$ | hl |

4. Porovnaj a doplň znaky $<$, $=$, $>$.

- | | | | |
|------------------------|----------------------|-------------------------|----------------------|
| a) $27,6 \text{ ml}$ | 27600 mm^3 | f) $88,2 \text{ m}^3$ | 882 hl |
| b) 920 dm^3 | 50000 cm^3 | g) $92,6 \text{ dm}^3$ | $0,926 \text{ m}^3$ |
| c) 125 cm^3 | $1,225 \text{ dm}^3$ | h) 39 ml | $3,9 \text{ dl}$ |
| d) 180 l | $0,18 \text{ hl}$ | i) $54,67 \text{ cm}^3$ | $0,546 \text{ dm}^3$ |
| e) $1,2 \text{ m}^3$ | 360 hl | j) 34 hl | 4500 l |
| k) $0,87 \text{ cl}$ | 8700 ml | o) 12 cl | 120 ml |
| l) $12,6 \text{ mm}^3$ | $4,2 \text{ ml}$ | p) $0,09 \text{ l}$ | 900 ml |
| m) 200 cm^3 | 201 ml | q) 2714 ml | 27140 mm^3 |
| n) 986 ml | $0,98 \text{ l}$ | r) 2000 hl | 200 m^3 |