

3. Objem krychle a kvádrů

1. Převed' na uvedené jednotky:

a) $3240 \text{ cm}^3 = \text{dm}^3$

$745 \text{ dm}^3 = \text{m}^3$

$21\,000 \text{ mm}^3 = \text{cm}^3$

$8\,750 \text{ cm}^3 = \text{dm}^3$

$1380 \text{ dm}^3 = \text{m}^3$

b) $2,42 \text{ cm}^3 = \text{mm}^3$

$58,02 \text{ dm}^3 = \text{cm}^3$

$8,05 \text{ m}^3 = \text{dm}^3$

$0,408\,3 \text{ m}^3 = \text{dm}^3$

$2\,850 \text{ mm}^3 = \text{cm}^3$

c) $32 \text{ l} = \text{dm}^3$

$75 \text{ ml} = \text{cm}^3$

$152 \text{ dm}^3 = \text{l}$

$605 \text{ cm}^3 = \text{ml}$

$923 \text{ ml} = \text{cm}^3$

d) $520 \text{ dl} = \text{l}$

$363 \text{ ml} = \text{l}$

$75 \text{ dl} = \text{l}$

$6,34 \text{ l} = \text{cl}$

$8,24 \text{ l} = \text{ml}$

e) $342 \text{ ml} = \text{dm}^3$

$850 \text{ dl} = \text{dm}^3$

$903 \text{ cm}^3 = \text{l}$

$1\,230 \text{ ml} = \text{dm}^3$

$0,752 \text{ l} = \text{cm}^3$

f) $1\,300 \text{ dm}^3 = \text{hl}$

$8,4 \text{ hl} = \text{dm}^3$

$4,56 \text{ m}^3 = \text{hl}$

$732 \text{ dm}^3 = \text{hl}$

$543 \text{ hl} = \text{m}^3$

2. Vypočítej objem kvádrů s danými rozměry. V příkladech d – f zvol vhodné jednotky:

a) $12 \text{ cm}; 10 \text{ cm}; 8 \text{ cm};$

b) $3,2 \text{ dm}; 15 \text{ dm}; 6 \text{ dm};$

c) $1,5 \text{ m}; 2,3 \text{ m}; 0,7 \text{ m};$

d) $25 \text{ mm}; 3 \text{ cm}; 0,6 \text{ dm};$

e) $17 \text{ cm}; 180 \text{ mm}; 0,3 \text{ dm};$

f) $24 \text{ m}; 0,7 \text{ m}; 45 \text{ cm};$