

## 22. 2. 2021 Matematika

### 1) kontrola práce z páteční hodiny: **Převádění jednotek**

PS str. 65/ cv. A6, A7, A9 (puntíkaté cvičení navíc – dobrovolné), A10 (první sloupec)

**A-6.** Převeďte jednotky **obsahu**.

a) $3,6 \text{ m}^2 = \underline{360} \text{ dm}^2$	b) $0,2 \text{ km}^2 = \underline{2\ 000} \text{ a}$	c) $18,7 \text{ ha} = \underline{0,187} \text{ km}^2$	d) $0,26 \text{ km}^2 = \underline{26} \text{ ha}$
$1,82 \text{ km}^2 = \underline{182} \text{ ha}$	$11,8 \text{ m}^2 = \underline{0,118} \text{ a}$	$0,02 \text{ a} = \underline{2} \text{ m}^2$	$1\ 387 \text{ m}^2 = \underline{0,138\ 7} \text{ ha}$
$0,36 \text{ dm}^2 = \underline{36} \text{ cm}^2$	$324 \text{ cm}^2 = \underline{0,032\ 4} \text{ m}^2$	$637 \text{ dm}^2 = \underline{6,37} \text{ m}^2$	$27 \text{ cm}^2 = \underline{0,002\ 7} \text{ m}^2$
$1\ 326 \text{ mm}^2 = \underline{13,26} \text{ cm}^2$	$0,05 \text{ dm}^2 = \underline{5} \text{ cm}^2$	$12,3 \text{ a} = \underline{0,123} \text{ ha}$	$0,3 \text{ dm}^2 = \underline{30} \text{ cm}^2$
$0,2 \text{ ha} = \underline{20} \text{ a}$	$350 \text{ a} = \underline{0,035} \text{ km}^2$	$5\ 000 \text{ mm}^2 = \underline{0,005} \text{ m}^2$	$360 \text{ dm}^2 = \underline{0,036} \text{ a}$

**A-7.** Převeďte jednotky **obsahu**.

a) $2,4 \text{ ha} = \underline{240} \text{ a}$	b) $2,4 \text{ cm}^2 = \underline{240} \text{ mm}^2$	c) $18 \text{ a} = \underline{180\ 000} \text{ dm}^2$
$0,7 \text{ m}^2 = \underline{70} \text{ dm}^2$	$0,2 \text{ cm}^2 = \underline{0,002} \text{ dm}^2$	$0,014 \text{ km}^2 = \underline{140} \text{ a}$
$340 \text{ mm}^2 = \underline{0,034} \text{ dm}^2$	$34 \text{ m}^2 = \underline{0,003\ 4} \text{ ha}$	$748 \text{ ha} = \underline{7,48} \text{ km}^2$
$0,9 \text{ km}^2 = \underline{9\ 000} \text{ a}$	$724 \text{ a} = \underline{0,072\ 4} \text{ km}^2$	$0,72 \text{ cm}^2 = \underline{0,007\ 2} \text{ dm}^2$
$15\ 000 \text{ m}^2 = \underline{0,015} \text{ km}^2$	$330 \text{ a} = \underline{3,3} \text{ ha}$	$1\ 238 \text{ mm}^2 = \underline{0,123\ 8} \text{ dm}^2$

**A-9.** Doplňte správně jednotku, aby byl zápis **pravdivý**.

a) $0,7 \text{ m}^2 = 70 \underline{\text{ dm}^2}$	b) $48 \text{ cm}^2 = 0,48 \underline{\text{ dm}^2}$	c) $7,1 \text{ a} = 71\ 000 \underline{\text{ dm}^2}$	d) $0,4 \text{ m}^2 = 0,004 \underline{\text{ a}}$
$2,4 \text{ cm}^2 = 240 \underline{\text{ mm}^2}$	$720 \text{ mm}^2 = 7,2 \underline{\text{ cm}^2}$	$0,7 \text{ ha} = 7\ 000 \underline{\text{ m}^2}$	$240 \text{ ha} = 2,4 \underline{\text{ km}^2}$
$0,2 \text{ ha} = 20 \underline{\text{ a}}$	$58 \text{ a} = 0,58 \underline{\text{ ha}}$	$0,14 \text{ dm}^2 = 14 \underline{\text{ cm}^2}$	$185 \text{ dm}^2 = 18\ 500 \underline{\text{ cm}^2}$
$1,7 \text{ km}^2 = 170 \underline{\text{ ha}}$	$0,09 \text{ m}^2 = 9 \underline{\text{ dm}^2}$	$1,4 \text{ km}^2 = 140 \underline{\text{ ha}}$	$7 \text{ ha} = 70\ 000 \underline{\text{ m}^2}$
$250 \text{ a} = 2,50 \underline{\text{ ha}}$	$65 \text{ ha} = 0,65 \underline{\text{ km}^2}$	$500 \text{ mm}^2 = 0,05 \underline{\text{ dm}^2}$	$0,08 \text{ dm}^2 = 800 \underline{\text{ mm}^2}$

**A-10.** Určete:

a)

$\frac{1}{2} \text{ km} = \underline{500} \text{ m}$
$\frac{1}{4} \text{ m} = \underline{25} \text{ cm}$
$\frac{1}{5} \text{ dm} = \underline{2} \text{ cm}$
$\frac{1}{10} \text{ m} = \underline{100} \text{ mm}$
$\frac{1}{20} \text{ km} = \underline{50} \text{ m}$
$\frac{1}{50} \text{ m} = \underline{2} \text{ cm}$

### 2) práce v hodině: PS str. 65/ cv. A8, A10 (dokončení) PS str. 66/cv. A11, A12, A14

