MAT 7. razred 9. teden 2. ura

NALOGA 2:
ZN 2/ str 194/ nal 2

a) $p = \frac{6 \cdot 2 \cdot 1}{2 \cdot 1} = 6\,cm^2$

b) $p = \frac{4{,}7 \cdot 2{,}5}{2} = \frac{11{,}75}{2} = 5{,}875\,cm^2$

$4{,}7 \cdot 2{,}5$
94
235
$11{,}75$

$11{,}75 : 2 = 5{,}875$
17
15
10

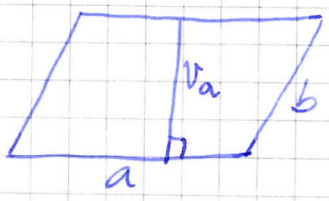
c) $p = \frac{5{,}2 \cdot 3{,}5}{2} = \frac{18{,}2}{2} = 9{,}1\,cm^2$

$5{,}2 \cdot 3{,}5$
156
260
$18{,}20$

NALOGA 3
ZN 2/ str 194/ nal 3

PARALELOGRAM

$a = 16{,}5\,cm$
$v_a = 9{,}8\,cm$
$p = 161{,}7\,cm^2$



$p = a \cdot v_a$
$p = 16{,}5 \cdot 9{,}8$
$p = 161{,}7\,cm^2$

$16{,}5 \cdot 9{,}8$
1485
1320
$161{,}70$

NALOGA 4
ZN 2/ str 194/ nal 4

Romb:
$a = 2{,}9\,cm$
$v_a = 1{,}9\,cm$

$p = a \cdot v_a$
$p = 2{,}9 \cdot 1{,}9$
$p = 5{,}51\,cm^2$

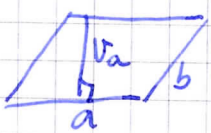
$o = 4 \cdot a$
$o = 4 \cdot 2{,}9$
$o = 11{,}6\,cm$

$2{,}9 \cdot 1{,}9$
29
261
$5{,}51$

---

nal 5 ZN 2/ str 194/ nal 5

ROK
PARALELOGRAM 1
$a_1 = 5\,m$
$v_{a_1} = 0{,}4\,m$
$p_1 =$



JANA
PARALELOGRAM 2
$a_2 = 0{,}8\,m$
$v_{a_2} = 2{,}5\,m$
$p_2 =$

$p_1 = a_1 \cdot v_{a_1}$
$p_1 = 5 \cdot 0{,}4$
$p_1 = 2\,m^2$

$p_2 = a_2 \cdot v_{a_2}$
$p_2 = 0{,}8 \cdot 2{,}5$
$p_2 = 2\,m^2$

$2{,}5 \cdot 0{,}8$
$2{,}00$

Paralelograma imata enako ploščino

MAT 7. razred 9. teden 2. ura

nal 6 ZN2/ str 194/ nal 7

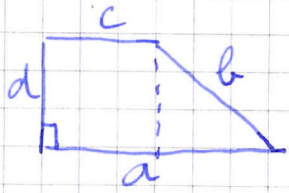
1. možnost

TRAPEZ

$a = 72\,cm$

$c = 30\,cm$

$v = 17\,cm$



$a = 30 + 42 = 72\,cm$

$v = d$, ker je d pravokoten na osnovnico.

$p = s \cdot v$

$p = 51 \cdot 17$

$p = 867\,cm^2$

$s = \frac{a+c}{2}$

$s = \frac{72+30}{2}$

$s = \frac{102}{:2}$

$s = 51\,cm$

$51 \cdot 17$

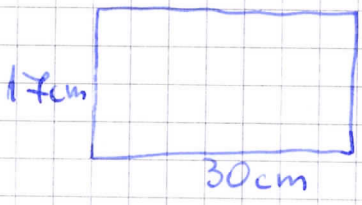
51

357

867

2. možnost reševanja

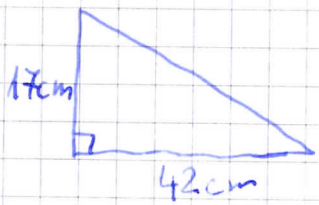
1. LIK: PRAVOKOTNIK



$p_1 = 17 \cdot 30$

$p_1 = 510\,cm^2$

2. LIK: PRAVOKOTNI TRIKOTNIK



$p_2 = \frac{42 \cdot 17 \cdot 21}{2 \cdot 1}$

$p_2 = 357\,cm^2$

$21 \cdot 17$

21

147

357

Seštejemo obe ploščini:

$p_1 + p_2 = 510 + 357 = 867\,cm^2$