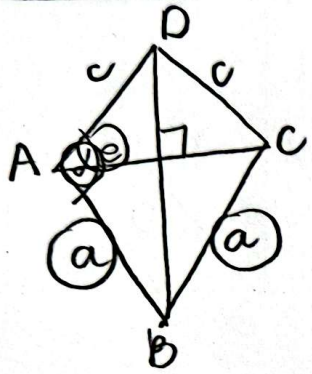
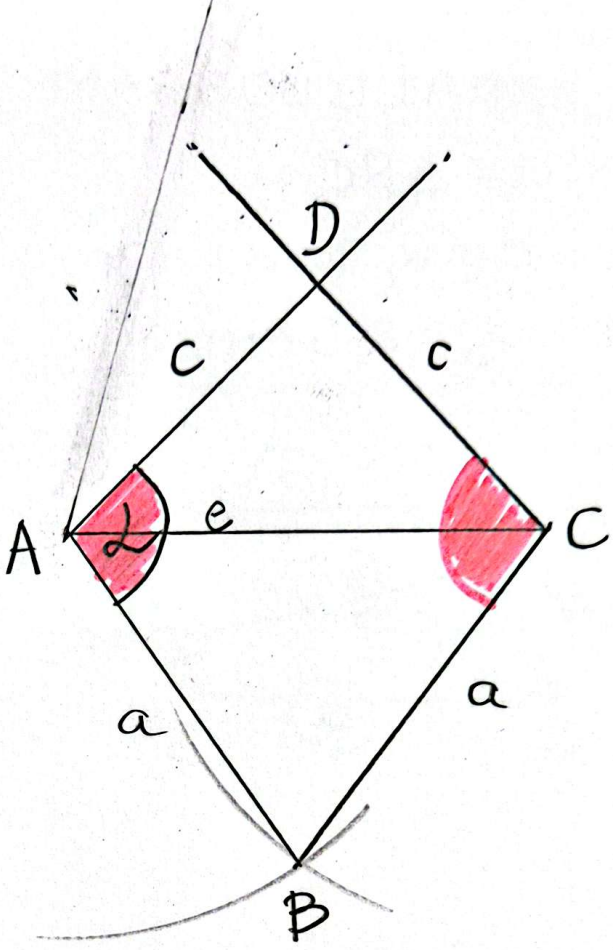
1. DELTOID

$a = 5{,}5\ cm$

$e = 6{,}5\ cm$

$\alpha = 100°$



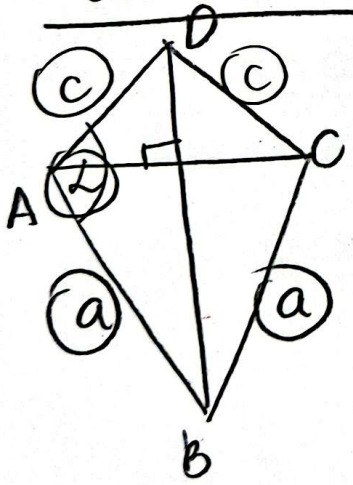


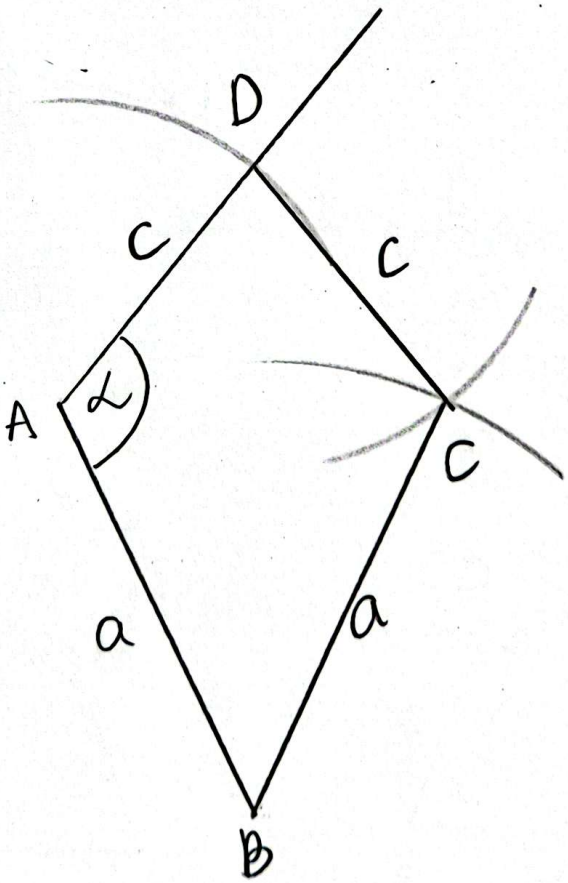
2. DELTOID

$a = 6\ cm$

$c = 4\ cm$

$\alpha = 115°$





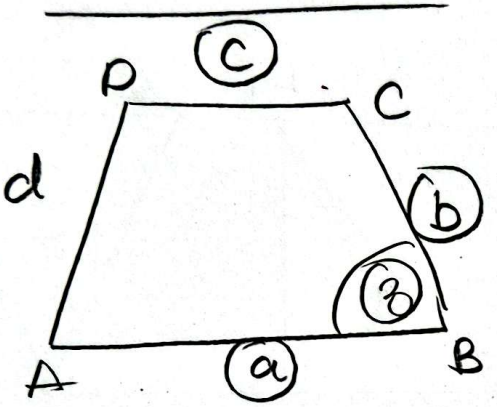
③. TRAPEZ

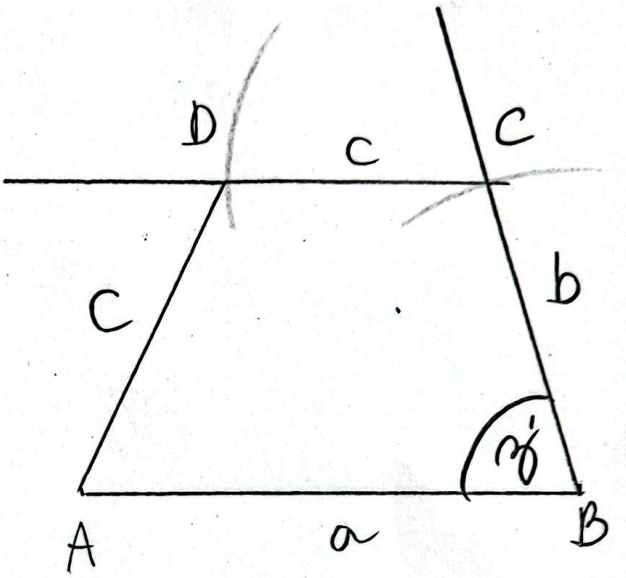
$a = 6{,}7\,cm$

$b = 4{,}2\,cm$

$c = 3{,}5\,cm$

$\gamma = 73°$





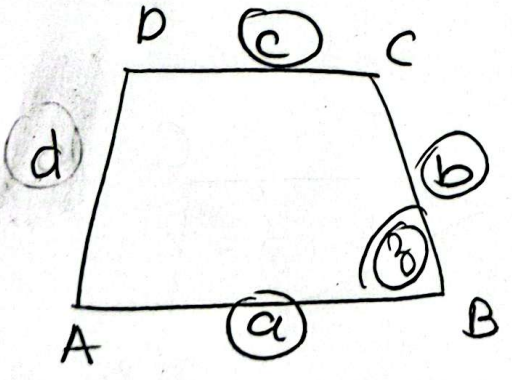
④. TRAPEZ

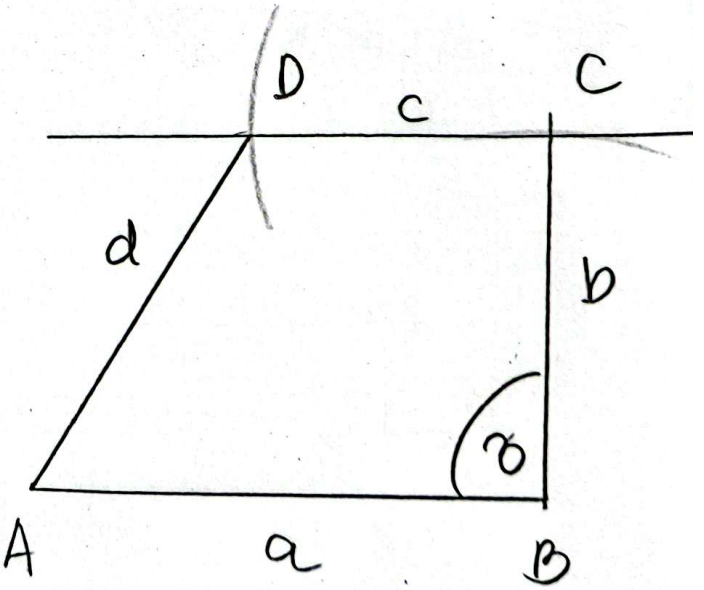
$a = 7\,cm$

$c = 4\,cm$

$b = 5\,cm$

$\gamma = 90°$



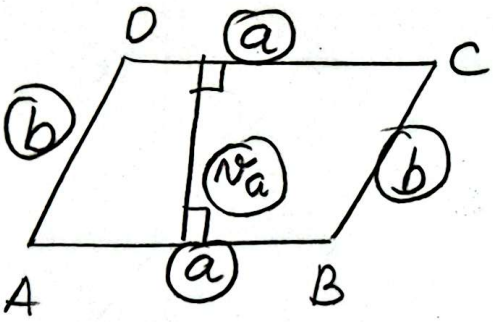


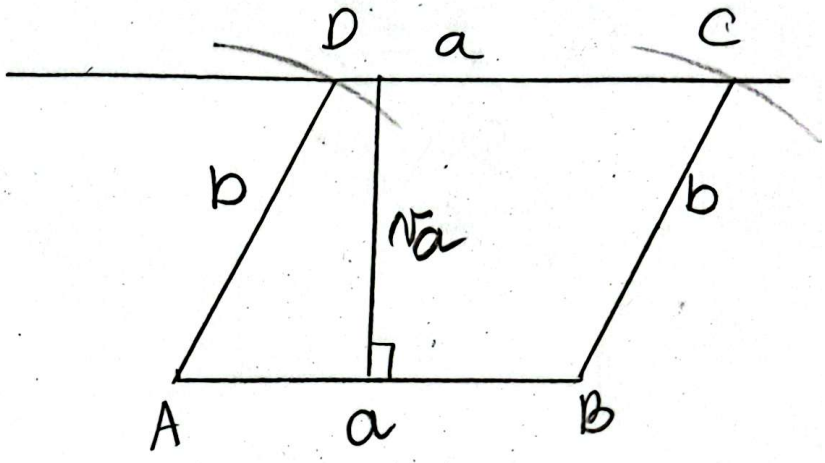
⑤. PARALELOGRAM

$a = 5{,}5\ cm$

$b = 4{,}5\ cm$

$v_a = 4\ cm$

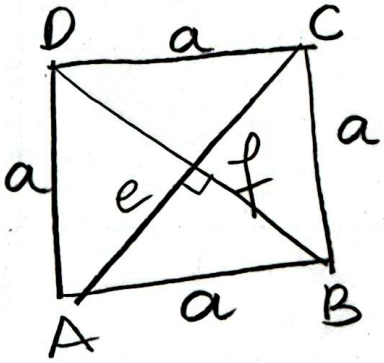


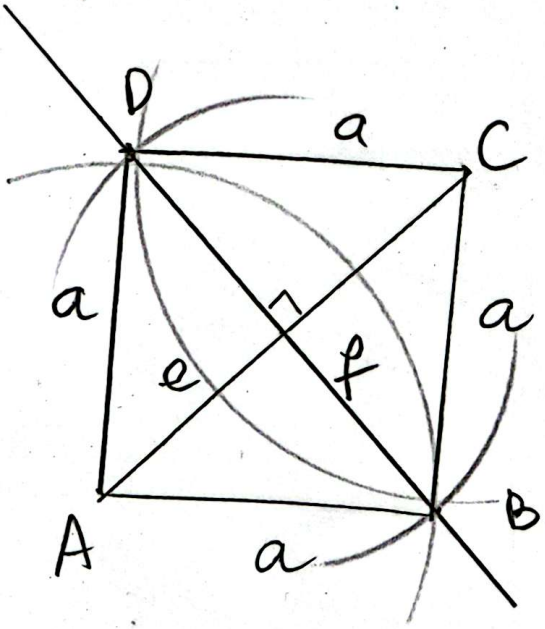


⑥. KVADRAT

$e = 6{,}5\ cm$

$f = 6{,}5\ cm$

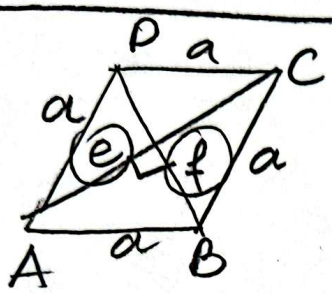




(7). ROMB

$e = 5\,cm$

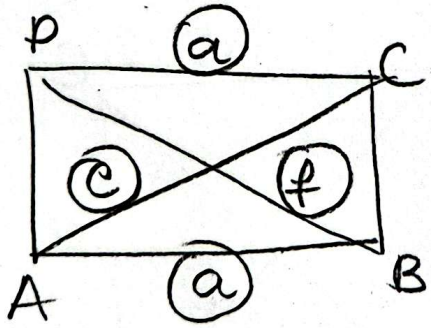
$f = 7{,}5\,cm$



(8). PRAVOKOTNIK

$a = 6\,cm$

$e = f = 10\,cm$

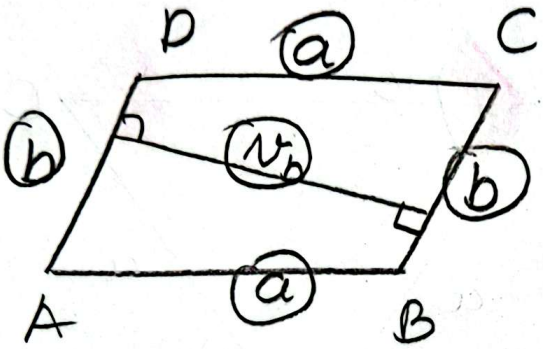


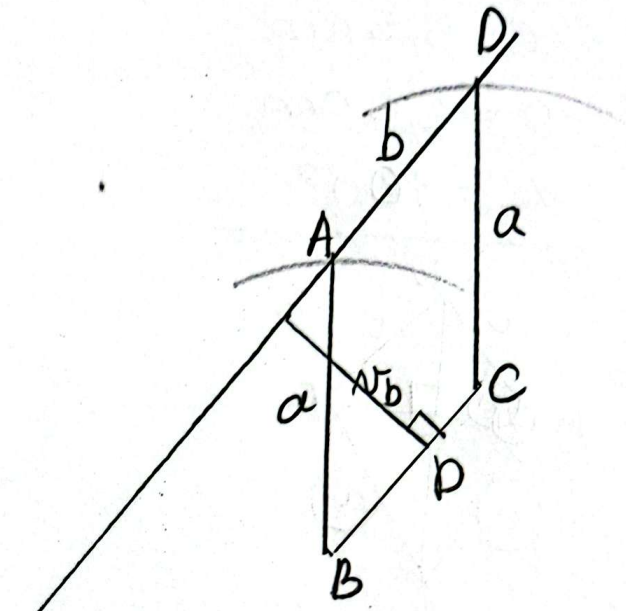
⑨. PARALELOGRAM

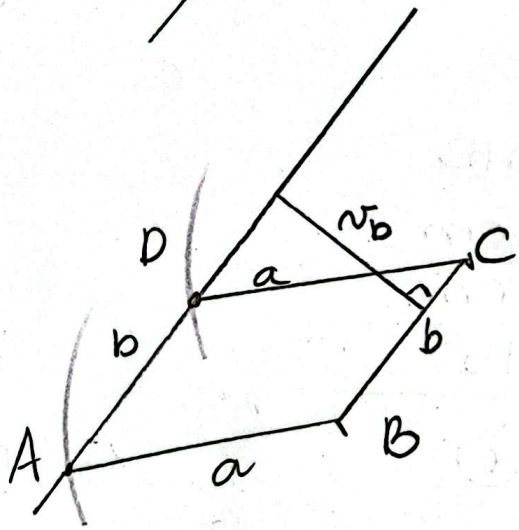
$a = 3{,}8\,cm$

$b = 2{,}9\,cm$

$v_b = 2{,}5\,cm$





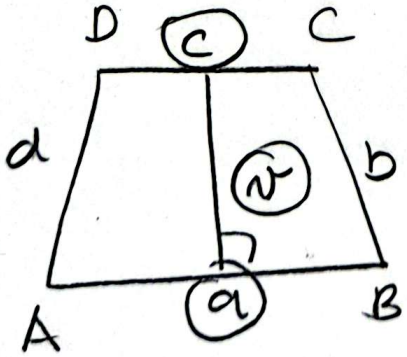


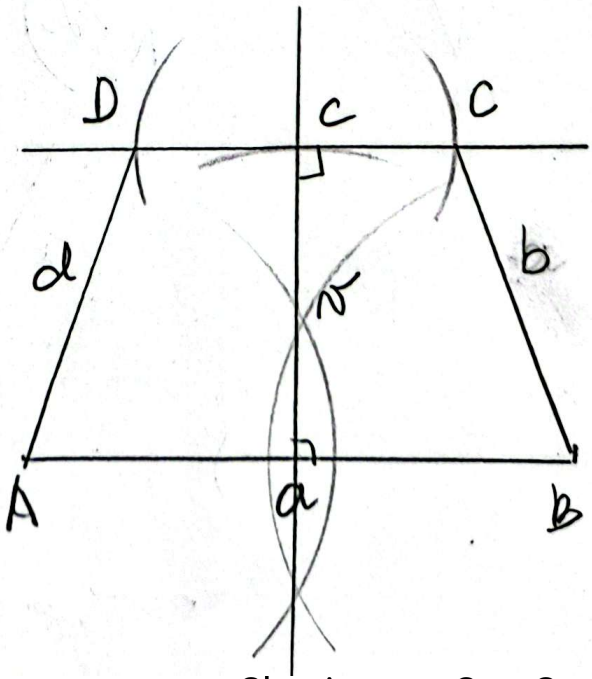
⑩. ENAKOKRAKI TRAPEZ

$a = 7{,}8\,cm$

$c = 4{,}1\,cm$

$v = 4{,}3\,cm$





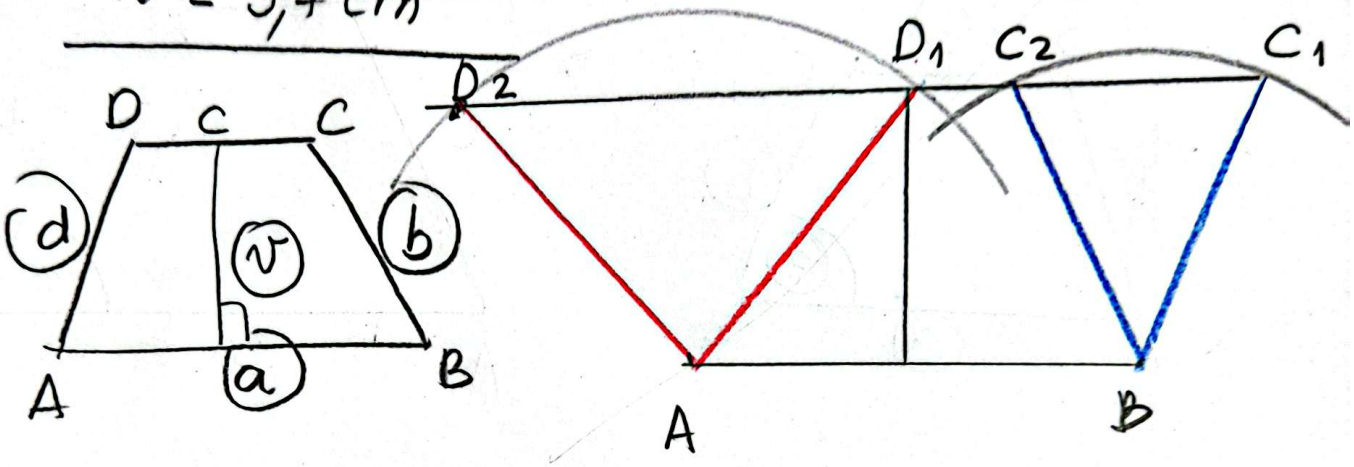
(11). TRAPEZ

$a = 6,1\ cm$

$b = 4,2\ cm$

$d = 4,7\ cm$

$v = 3,7\ cm$



ABC_1D_1

ABC_1D_2

ABC_2D_1

ABC_2D_2

(12). ŠTIRIKOTNIK

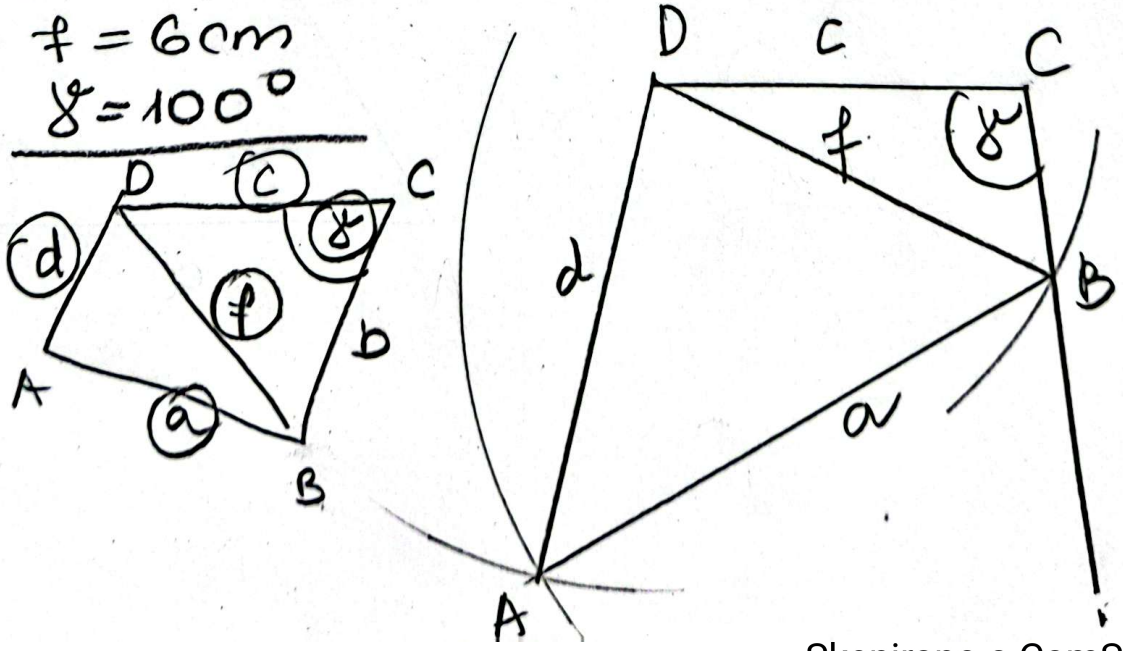
$a = 8\ cm$

$c = 5\ cm$

$d = 7\ cm$

$f = 6\ cm$

$\gamma = 100°$

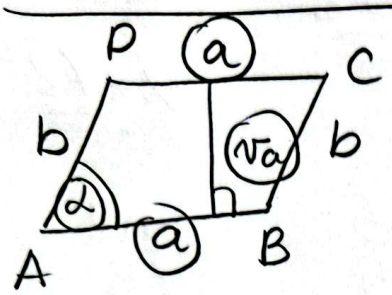


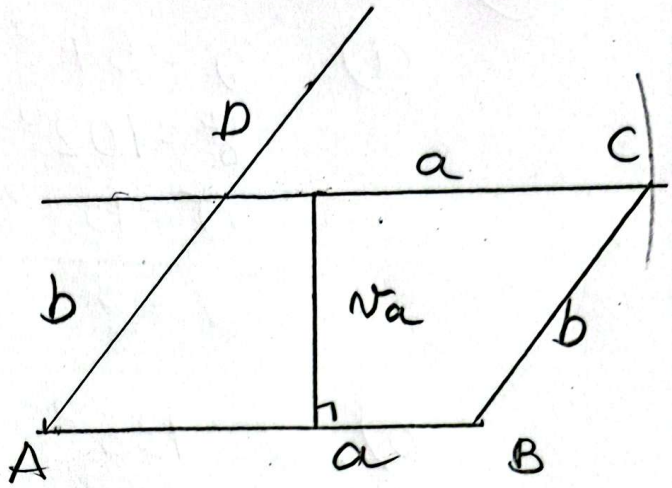
(13) PARALELOGRAM

$a = 6\,cm$

$v_a = 3\,cm$

$\alpha = 50^\circ$



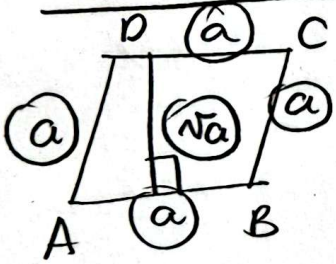


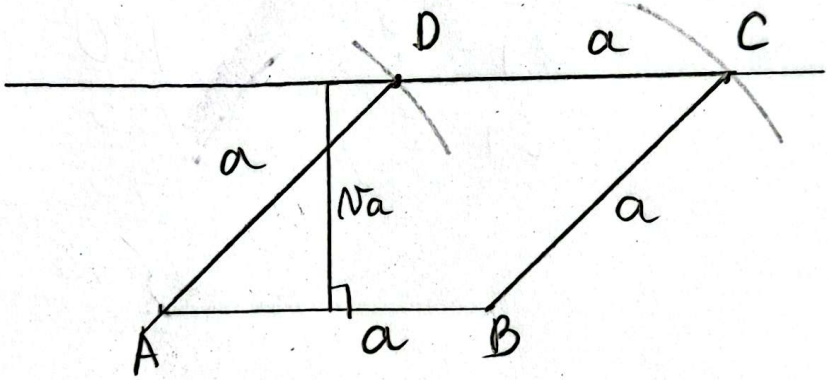
(14) ROMB

$a = 4{,}5\,cm$

$v_a = 3\,cm$

(14)

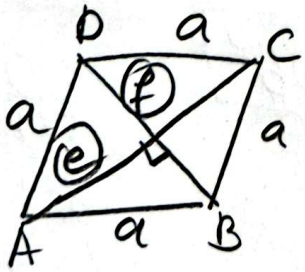


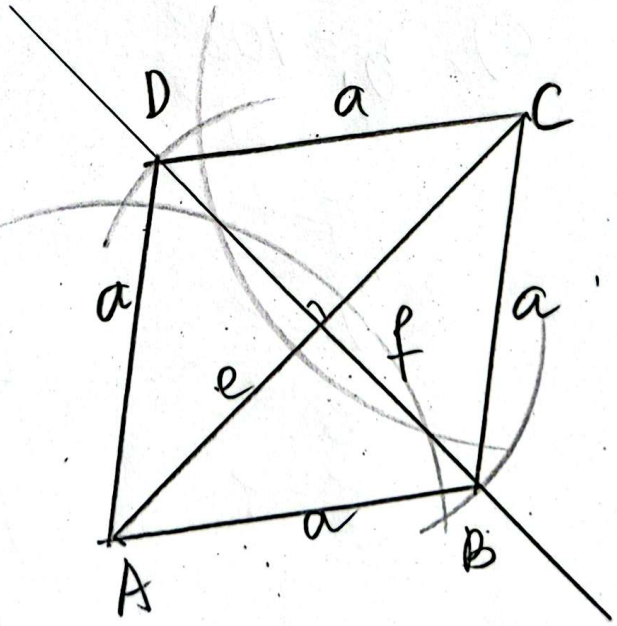


(15) ROMB

$e = 8\,cm$

$f = 6\,cm$





(16) ŠTIRIKOTNIK

a). $\beta = 54°$
$\gamma = 102°$
$\delta = 132°$
$\alpha = ?$

$54 + 102 + 132 = 288$

$360 - 288 = 72$

$\boxed{\alpha = 72°}$

b). $\alpha = 135°$
$\beta = 65°$
$\gamma = 75°$
$\delta = ?$
$\alpha_1 = ?$
$\beta_1 = ?$

$135 + 65 + 75 = 275$

$360 - 275 = 85$

$\boxed{\delta = 85°}$

$180 - 135 = 45$

$\boxed{\alpha_1 = 45°}$

$180 - 65 = 115$

$\boxed{\beta_1 = 115°}$

c). $\beta_1 = 102°$
$\gamma = 97°$
$\delta_1 = 75°$
$\alpha = ?$
$\beta = ?$
$\delta = ?$

$180 - 75 = 105$

$\boxed{\delta = 105°}$

$78 + 97 + 105 = 280$

$360 - 280 = 80$

$\boxed{\alpha = 80°}$

$180 - 102 = 78$

$\boxed{\beta = 78°}$

(17). PARALELOGRAM

a). $a = 11\,cm$

$v_a = 6\,cm$

$b = 10\,cm$

$o = ?$

$p = ?$

$o = 2 \cdot a + 2 \cdot b$

$o = 2 \cdot 11 + 2 \cdot 10$

$o = 22 + 20$

$o = \underline{42\,cm}$

$p = a \cdot v_a$

$p = 11 \cdot 6$

$p = \underline{66\,cm^2}$

b). $a = 1{,}2\,dm$

$b = 5\,cm$

$v_b = 0{,}6\,dm$

$o = ?$

$p = ?$

$o = 2 \cdot a + 2 \cdot b$

$o = 2 \cdot 1{,}2 + 2 \cdot 5$

$o = 2{,}4 + 10$

$o = \underline{12{,}4\,cm}$

$p = b \cdot v_b$

$p = 5 \cdot 0{,}6$

$p = \underline{3\,cm^2}$

(18). PARALELOGRAM

a). $b = 13\,cm$

$v_b = 12\,cm$

$v_a = 10\,cm$

$p = ?$

$a = ?$

$p = b \cdot v_b$

$p = 13 \cdot 12$

$p = 156\,cm^2$

$p = a \cdot v_a$

$156 = a \cdot 10$

$a = 156 : 10$

$a = 15{,}6\,cm$

b). $p = 30\,cm^2$

$v_a = 4\,dm$

$a = ?$

$p = a \cdot v_a$

$30 = a \cdot 4$

$a = 30 : 4$

$a = 7{,}5\,cm$

c). $o = 60\,cm$

$a = 15\,cm$

$b = ?$

$o = 2 \cdot a + 2 \cdot b$

$60 = 2 \cdot 15 + 2 \cdot b$

$60 = 30 + (2 \cdot b)$

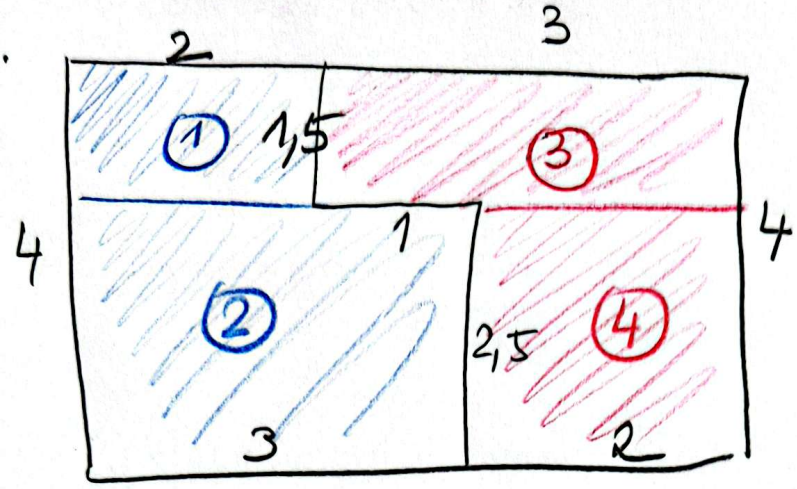
$2 \cdot b = 60 - 30$

$2 \cdot b = 30$

$b = 30 : 2$

$b = 15\,cm$

19.



$p_1 = a \cdot b = 2 \cdot 1,5 = 3\ m^2$

$p_2 = a \cdot b = 3 \cdot 2,5 = 7,5\ m^2$

$p_{Neža} = 3 + 7,5 = 10,5\ m^2$

$p_3 = a \cdot b = 3 \cdot 1,5 = 4,5\ m^2$

$p_4 = a \cdot b = 2,5 \cdot 2 = 5\ m^2$

$p_{MARKO} = 4,5 + 5 = 9,5\ m^2$

$10,5 - 9,5 = 1\ m^2$

O: Nežina soba je večja za $1\ m^2$.