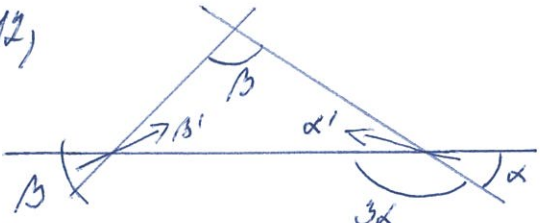


11)

Celkem 300 koláčů ... 5 hodin
 1. h ... $\frac{1}{4} \cdot 300 = 75$
 2. h ... $\frac{1}{5} \cdot (300 - 75) = 45 \Rightarrow$ ANO 11.1.
 3. h ... $(300 - 100) - 75 - 45 = 80 \Rightarrow$ NE 11.2

4. h ... } $\frac{1}{3} \cdot 300 = 100$
 5. h ... }
 4 h ... $100 - 50 = 50$
 1. - 4. h = $\frac{5}{6} \Rightarrow$ 5. h = $\frac{1}{6} \cdot 300 = 50$ stejny počet
 11.3. ANO

12)



$3\alpha + \alpha = 180^\circ$
 $\alpha = 45^\circ$
 $\beta = (180^\circ - \alpha) : 2$
 $\beta = (180^\circ - 45^\circ) : 2$
 $\beta = 67^\circ 30' \Rightarrow E$

$\alpha - \alpha'$... vichot. uhly
 $\beta - \beta'$... " "

13) a) plah' $v = 5 \text{ cm}$: per $2(a+b) = 36 \Rightarrow (a+b) = 18 \Rightarrow b =$
 b) plah' $v = 10 \text{ cm}$: per $2(b+v) = 26 \Rightarrow b+v = 13$ 5 cm

$V = a \cdot b \cdot v$
 $V = 10 \cdot 8 \cdot 5$
 $V = 400 \text{ cm}^3 \Rightarrow \underline{\underline{B}}$

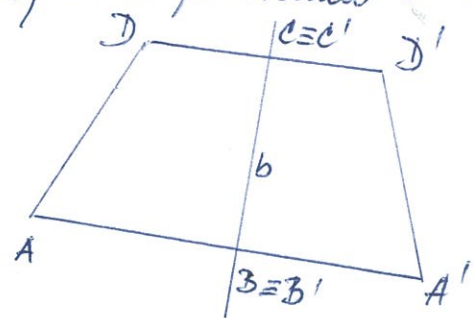
4

8) 6 lahn' ... $15 \cdot 6 = 9 \text{ [l]}$
 90 dl : 2 dl = 45 lahn'

$\uparrow 160000 \text{ m} \dots 150 \text{ min (2,5 h)} \uparrow$
 $\uparrow 12800 \text{ m} \dots x \text{ [min]} \uparrow$
 $x : 150 = 12800 : 160000$
 $x = 12 \text{ min}$

$0,4 \text{ ha} - 3040 \text{ m}^2 = \boxed{} \text{ a}$
 $4000 \text{ m}^2 - 3040 \text{ m}^2 = 960 \text{ m}^2 \rightarrow \boxed{9,6}$

9) osou je strana b - ruzit pomoramen. lich.



- 10) Tato konstrukce smloty 9 je vyuzita zde:
- najdu otvar bodu D sahlemu k ose o $\rightarrow C$
 - $|BC| = |AD| \Rightarrow$ bod $x \in p \cap k$ ($k(D; r=|BC|$)
 - bod B je otvar bodu A sahlemu k ose o

u