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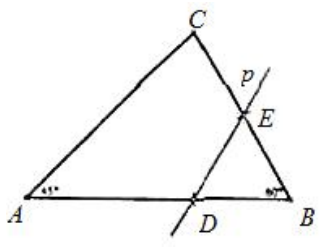
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1. $\triangle ABC$ $\overline{AB} = 6 \text{ cm}$, $\angle CAB = 45^\circ$ $\angle ABC = 60^\circ$,
 p AB D
 BC E $\overline{DB} = \overline{DE} = \overline{CE}$.

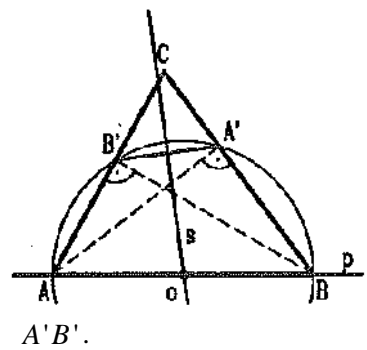
$\overline{DB} = \overline{DE}$ $\triangle DBE$ -
 $\angle BDE = \angle DBE = \angle ABC = 60^\circ$,
 $\dots \triangle DBE$
 $\overline{DB} = \overline{DE} = \overline{BE}$, $\overline{DE} = \overline{CE}$ -
 $\overline{BE} = \overline{CE}$, E
 $\triangle ABC$, BC .
 $\overline{AB} = 6 \text{ cm}$,
 $\angle CAB = 45^\circ$ $\angle ABC = 60^\circ$.



BC
 E .
 $k(B, \overline{BE})$
 p .
 ABC
 D E

2. p A' B'
 p . $\triangle ABC$ A B
 p AA' BB' -
 ABC .

$\angle AA'B = \angle BB'A = 90^\circ$,
 A' B'
 O AB (
 $A'B'$
 O -



$O = s \cap p$.
 $k \cap p = \{A, B\}$.
 $A'B'$
 $k(O, \overline{OA'})$
 BA''
 $C \quad \triangle ABC$.

$A'B' \perp p$,

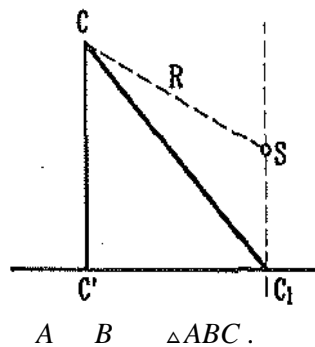
3. $\triangle ABC$: $\overline{CC'} = h_c = 3 \text{ cm}$, -
 $\overline{CC_1} = t_c = 4 \text{ cm}$ $R = 3 \text{ cm}$ -
 $\triangle ABC$

C_1 AB, C'
 C ($\triangle CC'C_1$)
 $\overline{CC_1} = t_c = 4 \text{ cm}$
 $\overline{CC'} = h_c = 3 \text{ cm}$, S
 $\triangle ABC$
 $AB, C'C_1$ C_1
 $k(C, R)$.

$\triangle CC'C_1$ $\overline{CC'} = h_c = 3 \text{ cm}$
 $\overline{CC_1} = t_c = 4 \text{ cm}$ ()
 C_1
 $C'C_1$ $k(C, R)$

S .
 $k_1(S, R)$

$C'C_1$



4. $ABCD$ $A C$ A, C E . -
 BD . S E -
 BD SE . AC . -
 ABC

ADC , $B D$ $k(S, \overline{SA})$,
 $s \cap AC = \{S\}$. s AC
 SE
 $k(S, \overline{SA})$. $s \cap k = \{B, D\}$ $ABCD$ -
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