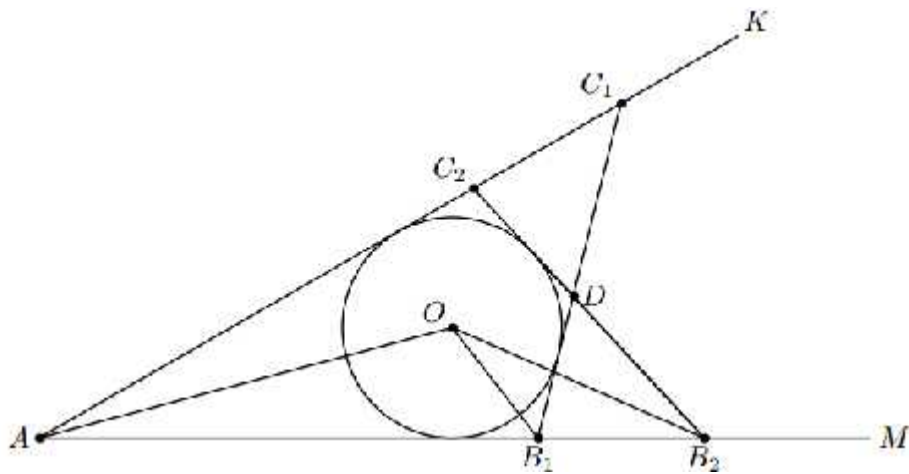


1. « - » ,
 . 50,
 - 150.
 , 150.
 200 50 4
 :
 . 50 50 ,
 : « - ».
 100 .
 , : « - ».
 : 150.

2. $AB_1O - OB_1B_2$,
 $\angle B_1OB_2 = \angle AB_1O - \angle B_1B_2O$.
 $B_1O - AB_1C_1$, $B_2O - AB_2C_2$.
 $\angle B_1OB_2 = \frac{1}{2}(\angle AB_1C_1 - \angle AB_2C_2)$.



$B_1C_1 \quad B_2C_2$

D.

B_1DB_2

$$\angle AB_1C_1 - \angle AB_2C_2 = \angle AB_1D - \angle AB_2D = \angle B_1DB_2 \quad \angle B_1OB_2 = \frac{1}{2} \angle B_1DB_2.$$

$$\angle C_1OC_2 = \frac{1}{2} \angle C_1DC_2.$$

$B_1DB_2 \quad C_1DC_2 -$

3.

$$c = p + q.$$

$p \quad q$

$$c - 2 = \pm\sqrt{2} \pm \sqrt{3},$$

$+ \quad -$

$$(c - 2)^2 = 2 \pm 2\sqrt{6} + 3,$$

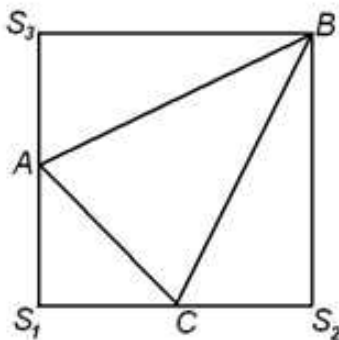
$$(c - 2)^2 - 5 = \pm 2\sqrt{6}.$$

$$((c - 2)^2 - 5)^2 - 24 = 0$$

$, \quad c$

$$((x - 2)^2 - 5)^2 - 24 = 0$$

4.



$S_1, S_2 \quad S_3,$
 $ABC. \quad A \quad C$
 $B.$
 $S_1S_3 \quad S_1S_2$
 $AS_1 \quad AS_3, \quad CS_1$
 $CS_2 \quad BS_2 \quad BS_3.$
 $S_1, S_2 \quad S_3 \quad S -$
 S
 BS
 $ACS: \quad AS \quad CS. \quad , BS$
 $ACS.$

ACS.

BACS

$\frac{1}{8}$

$BS = 1.$

$V = \frac{1}{24}.$

$V = \frac{1}{3} S \cdot r,$

S -

$S = 1,$

S -

1. $r = 3V = \frac{1}{8}$

: $r = \frac{1}{8}.$

5.

: 56

56

112

112

112