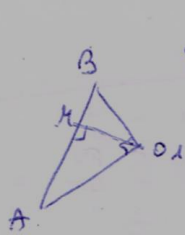


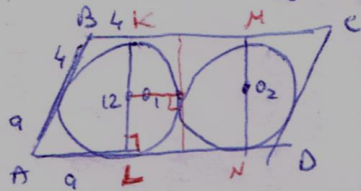
1.88
6



$90^\circ = \angle BO_1A \leftarrow B \parallel O_1A \text{ and } BO_1 \perp O_1A$

all is the same as the other one, $MO_1^2 = BM \cdot AM$

$36 = 9x \cdot 4x \rightarrow x = 1 \rightarrow \boxed{AB = 13}$



MDCH! BKLA is a rectangle \Rightarrow

$\frac{12(4+9)}{2} = 78$

$KM \parallel LN$
 $KL \perp AD$
 $MN \perp AD$

area of KMLN (4x3)

the area of the two circles is $\pi \cdot 2^2 + \pi \cdot 3^2 = 13\pi$

$KL = 12$

$S_{KMLN} = 12 \cdot 12 = 144$

$S = 2 \cdot 78 + 144 = 300$

total area