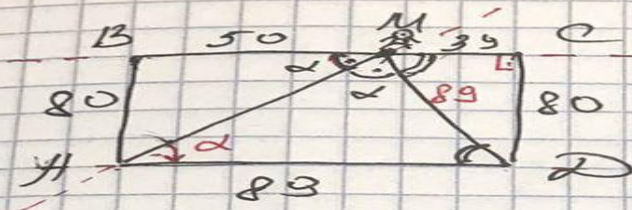
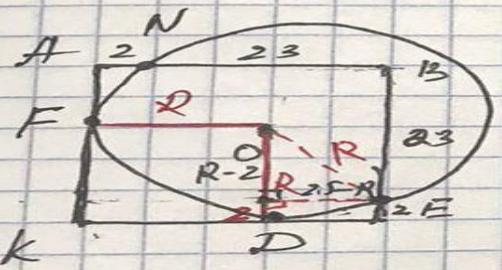


$BM = ?$
$MC = ?$

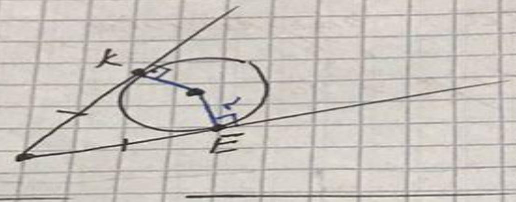
$$MC = \sqrt{89^2 - 80^2} = \sqrt{(89-80)(89+80)} =$$
$$= 3 \cdot 13 = 39$$

20)



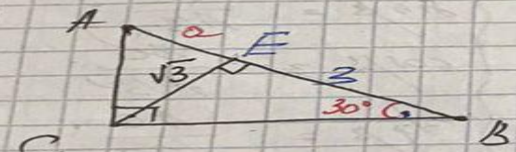
$$R^2 = (R-2)^2 + (25-R)^2$$
$$R^2 = R^2 - 4R + 4 + 625 - 50R + R^2$$
$$R^2 - 54R + 629 = 0$$
$$\boxed{R_1 = 17} \qquad R_2 \neq 37$$

Шеңберге жүргізілген жанама:



$AK = AE$

1)



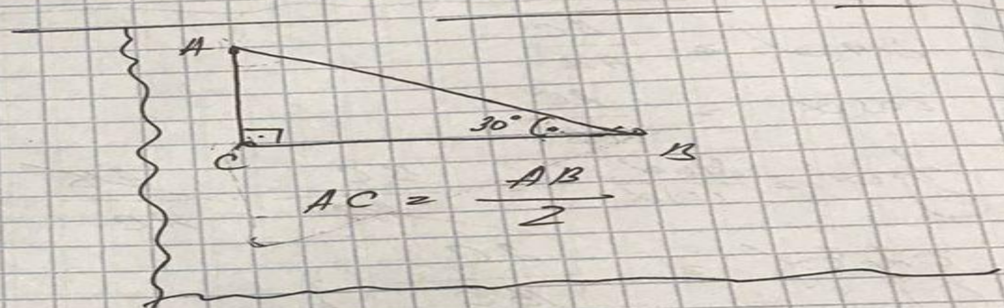
$tg\,30° = \frac{\sqrt{3}}{EB}$

$\frac{\sqrt{3}}{3} = \frac{\sqrt{3}}{x}$

$\sqrt{3}x = 3\sqrt{3}$

$x = 3$

$AB = 4$



$AC = \frac{AB}{2}$

$(CE)^2 = AE \cdot EB$

$3 = x \cdot 3$

$x = 1$