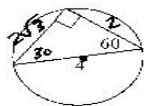
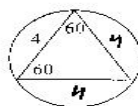


KEY

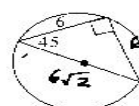
62.



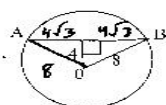
63.



64.

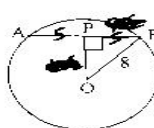


65.



$AB = 8\sqrt{3}$

66.

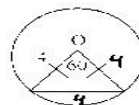


$$8^2 - 5^2 = \sqrt{39}$$

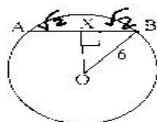
AB - 10

$$OP = \sqrt{39}$$

67



68.

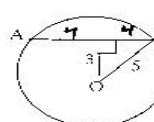


$$\frac{6^2 - 2}{\sqrt{34}}$$

$$AB = 2\sqrt{2}$$

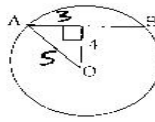
$$OX = \sqrt{34}$$

69.



AB - 8

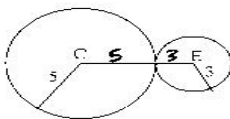
741



AB - 6

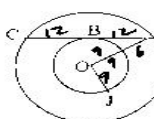
AO = 5

71.



CE = 8

72.



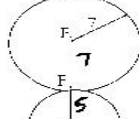
$$\frac{15^2 - 9^2}{\sqrt{144}} = 12$$

$\overline{CD}$ is tangent to circle O

$OI = 9, OD = 15$

BD - 12

33



$$F(\bar{G}) = 12$$

FGI - 5