

一道高三模拟考试题的思路探究与拓展

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xoy + = (+) + =

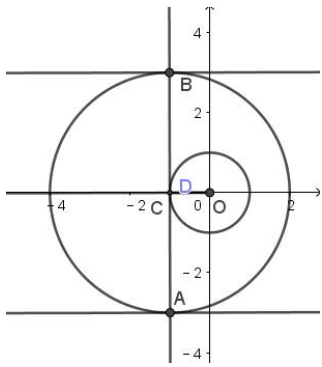
A.9 B.7 C. $\sqrt{\quad}$ D.—

D. 0.74

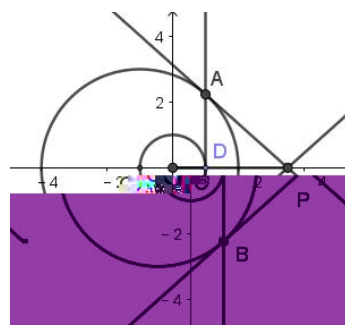
1 2

3

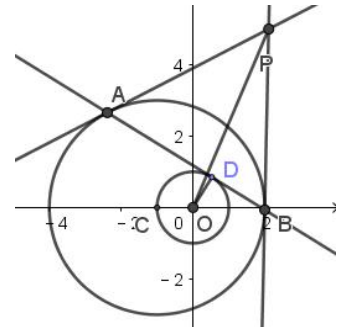
2 Δ



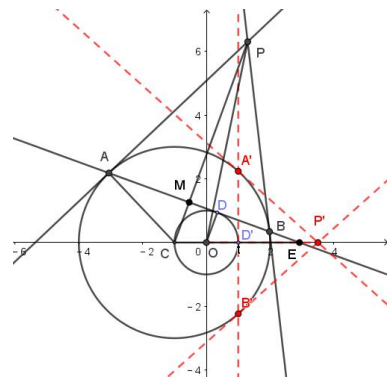
1



2



3



4

$$= \cdot \Rightarrow = \text{---}$$

$$\begin{matrix} \times & \angle & = \alpha \\ & \Delta & \Delta & \text{---} = \text{---} \\ < \alpha < \frac{\pi}{2} & = \frac{\pi}{\alpha} & \end{matrix}$$

$$= + \alpha \Rightarrow = \frac{\pi}{+ \alpha} \quad \alpha \quad \alpha \rightarrow \frac{\pi}{2} \quad \rightarrow -$$

$$> - \quad 2 \quad \alpha = \frac{\pi}{2} \quad = -$$

$$\times \quad = \quad =$$

$$< \alpha < \frac{\pi}{2}$$

$$= - \alpha \quad = \frac{\pi}{- \alpha} \quad > \quad 1 \quad \alpha = \frac{\pi}{2}$$

-

$$\geq - = -$$

$$\geq - = - \geq - - = - \geq - \quad ()$$

-.

1

1

0

$$+ + = \quad = \frac{||}{\sqrt{+}} = \quad + \pm \sqrt{+} = *$$

$$(+)(+) + =$$

$$(+) + + - = **$$

$$\begin{matrix} * & ** \\ \left\{ \begin{array}{l} + = \\ - = \pm \sqrt{+} \end{array} \right. & = - + . \end{matrix}$$

$$= - + .$$

2

2

$$(-)(+)+(-) =$$

$$+(-) - + - = \quad c \quad AB$$

$$(+)+ + - =$$

$$AB \quad O \quad \frac{|-|}{\sqrt{(+)+}} = \quad = - +$$

$$= - + .$$

$$+ = (>) \quad (-) + = (>)$$

$$(-)(-)+ - (-)- =$$

$$(-) \left(-\frac{+}{-} \right) + \frac{-}{-} =$$

$$= \quad O \quad C \quad + = - \quad -$$

$$< \quad C \quad O \quad \left(\frac{+}{-} \right)$$

$$= \quad C \quad O \quad - \quad (-)- =$$

$$> \quad C \quad O \quad \left(\frac{+}{-} \right) .$$

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》《教》《高教》等发表多。