

سرکلی زبان را

$$\Delta g = \frac{g \cdot g}{2r \cdot h_1} \Rightarrow \frac{-1}{r} = \frac{-m \cdot k}{g} \Rightarrow -g = m - k \Rightarrow m - k = -g$$

(2)

طبیعی نقطه $\Rightarrow \sqrt{10g^2 + 20g^2} = \sqrt{r^2 + a^2} \Rightarrow \sqrt{30}g = \sqrt{r^2 + a^2} \Rightarrow 30g^2 = r^2 + a^2$

$$AB = \sqrt{(AG)^2 + (BG)^2} = \sqrt{14} \approx 3.74$$

(2)

$$m_{AB} \cdot m_{CD} = \frac{-r}{g} = \frac{r}{-1-k} \Rightarrow k = \frac{r}{r} \Rightarrow C\left(\frac{r}{r}, g\right) D\left(-\frac{g}{r}, g+k\right)$$

$$m_{BC} \cdot m_{CD} = -1 \Rightarrow \frac{g}{r} = \frac{g-1}{-\frac{r}{r}} \Rightarrow g = -1$$

$$\Rightarrow C\left(\frac{r}{r}, -1\right) D\left(-\frac{g}{r}, -1\right)$$

$$BC = \sqrt{(AM)^2 + (PM)^2} = \sqrt{\frac{g}{g} + 1} = \frac{2}{r} \Rightarrow \text{then } = 2\left(\frac{g}{r} + 1\right) \approx 10$$

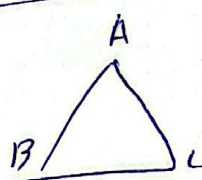
(2)

$$\tan \alpha = \sqrt{r}$$

$$\Rightarrow \frac{-rm}{m^2-1} = \sqrt{r} \Rightarrow -rm = \sqrt{r}m^2 - \sqrt{r} \Rightarrow \sqrt{r}m^2 + rm - \sqrt{r} = 0$$

$$\frac{\sqrt{A}}{|a|} = \frac{\sqrt{14}}{\sqrt{r}} = \frac{g}{\sqrt{r}} \checkmark$$

(2)



|| gbb $\Rightarrow B_{\text{بب}} = \frac{B_{\text{بب}}}{2r-a_1} = \frac{A}{g} \approx 2 \Rightarrow 2A + h = g$

$$g \text{ دایره } = g + h \approx h = -r$$

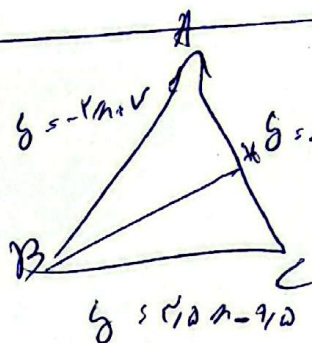
(2)

$$BC \text{ دایره } 2m - r = g$$

$$||_a \quad || \quad 2A - r = 0$$

$$||_a \text{ دایره } = \frac{|a+b+c|}{\sqrt{a^2+b^2}} = \frac{|1-1-1|}{\sqrt{1}} = \frac{1}{\sqrt{1}} = 1 \checkmark$$

(2)



$$B = \frac{r}{1}$$

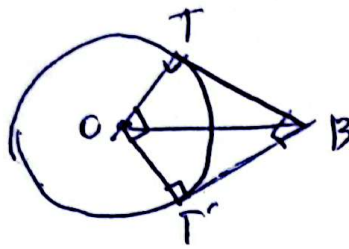
$$-2A + v = r, 0, 2 - 9, 0$$

$$a \text{ و } a \approx 14, 0 \Rightarrow a \approx r$$

$$g = -2A + v \Rightarrow g = -g + v \Rightarrow B = \frac{r}{1}$$

(2)

$$||_a \text{ دایره } = \frac{|a+b+c|}{\sqrt{a^2+b^2}} = \frac{\left|\frac{g}{g} + \frac{1}{g} - 1\right|}{\frac{g}{g} + \frac{1}{g}} = \frac{\frac{r}{g}}{\frac{g}{g} + \frac{1}{g}} = \frac{r}{g} \checkmark$$



$$u(0T) = \frac{0 - (-F)}{0 - (-r)} = \frac{F}{r}$$

$$\Rightarrow m_{GT} = \frac{m}{n}$$

① - 10

$$m(pT) \times m(pT') = -1$$

$$OT = OT' \Rightarrow r = a \quad \left\{ \begin{array}{l} m(OT') = -\frac{r}{f} \Rightarrow y = -\frac{r}{f} a + b \\ (0,0) \Rightarrow b = 0 \end{array} \right.$$

$$\sqrt{\frac{0.0}{0.0001}} \Rightarrow h = 0.2 \frac{\sqrt{2}}{F} \pi$$

$$\textcircled{D}, r = 0 \Rightarrow \sqrt{m^2 + \frac{q}{1s}} \approx 0, \left| \frac{d}{f} m \right| = 0$$

$$-\frac{2}{\pi} \pi \approx 2 \quad \Rightarrow \quad \text{poor quality}$$

$$T'(-f, \nu)$$

$$T(-^w, -^f)$$

$\Rightarrow$ $q_T + q_T' = q_C + q_B \Rightarrow -v = q_C + q_B$
 $q_B = -v$

$\lambda_B = -2$ ✓

$$\delta T + \delta T' = \delta C + \delta B \Rightarrow -1 = c + \delta B$$

$$a \otimes b = -v_{\alpha-1} \in \textcircled{v}$$

5 B 5-1 ✓

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