

③

$$\cos \alpha = \frac{344}{344\sqrt{2}}$$

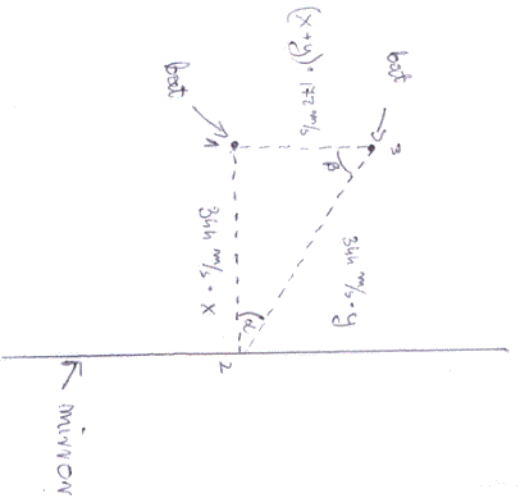
$$\cos \alpha = \frac{1}{\sqrt{2}}$$

$$\sin B = \frac{344\sqrt{2}}{344\sqrt{2}} =$$

$$= \frac{1}{\sqrt{2}}$$

$$\cos \alpha = \frac{1}{\sqrt{2}}$$

$$\sin B = \frac{1}{\sqrt{2}}$$



②

$$a^2 + b^2 = c^2 \quad (x=1)$$

$$344^2 + (172y)^2 = 344^2$$

~~$$344^2 + (172y)^2 = 344^2$$~~

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$$344^2 = 172^2 y^2 \quad / : 172^2$$

$$2 = y^2$$

$$\sqrt{2} = y$$

①

$$V = \frac{s}{t}$$

$$s = Vt$$

$$t_{1 \rightarrow 2} = x$$

$$t_{2 \rightarrow 3} = y$$