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$$1. H_0: m \geq 198$$

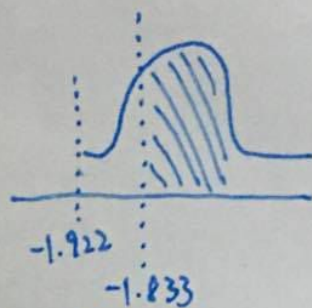
$$H_1: m < 198$$

$$\alpha = 0.05 \quad t$$

$$t_{0.05}(9) = -1.833$$

$$\frac{190 - 198}{\frac{13.16}{\sqrt{10}}} = -1.922 \Rightarrow \text{拒絕 } H_0$$

$\Rightarrow \text{合格.}$



$$4. P(Z < -1.5)$$

$$= 0.0668 > 0.03 \Rightarrow \text{接受 } H_0$$

