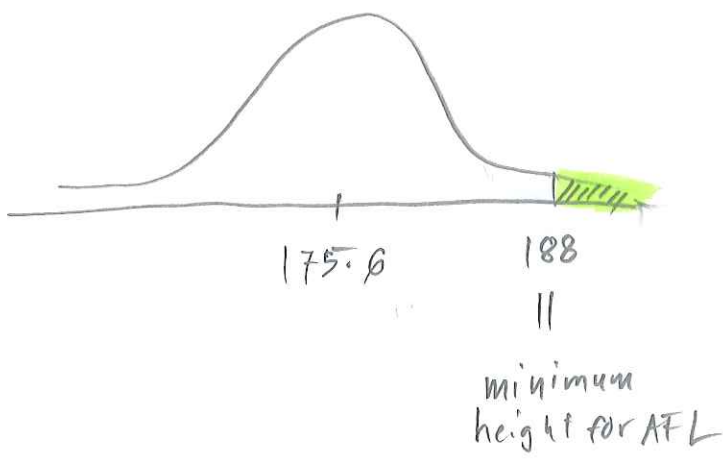
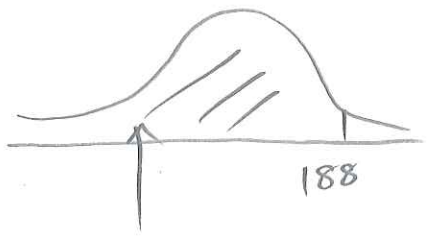


2.3

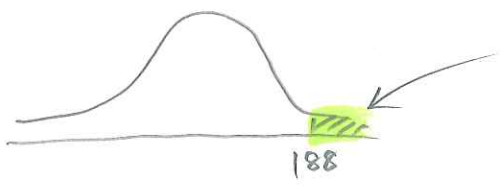


Australian men's heights
 $N(175.6, 10^2)$
|| ||
mean SD^2



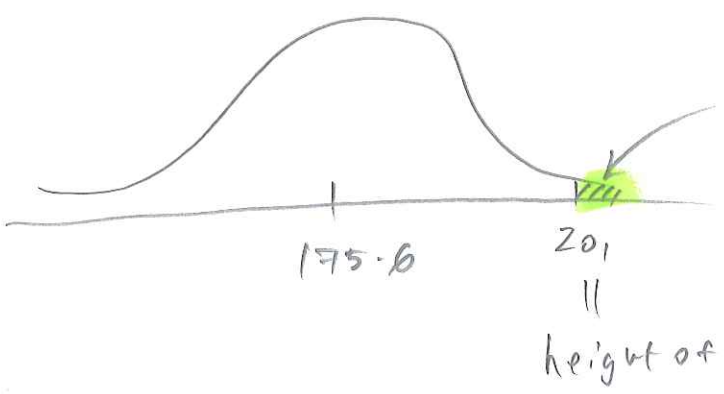
$p_{\text{norm}}(188, 175.6, 10)$
↑ ↑ ↑
threshold mean SD

Answer :



$1 - p_{\text{norm}}(188, 175.6, 10)$
 $\hat{=} 0.11$

2.4



$1 - p_{\text{norm}}(201, 175.6, 10)$
 $\hat{=} 0.006$
(tiny!)