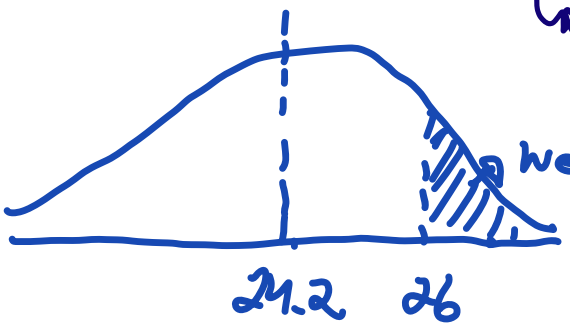
① x: number of points in a game

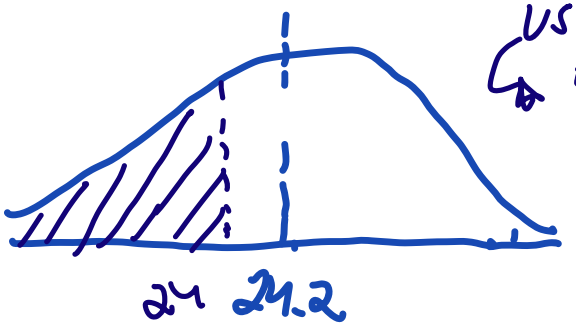
$\bar{x}$ σ

② $x \sim N(24.2, 2)$

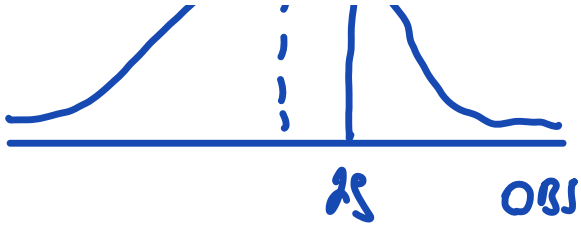
③ $P(x > 26)$ Using R ↳ 18.4%



④ $P(x < 24)$ Using R ↳ 44%



⑤ $P(x = 25) = 0$



OBS.: THERE'S NO AREA HERE, THEREFORE THE PROBABILITY IS 0.

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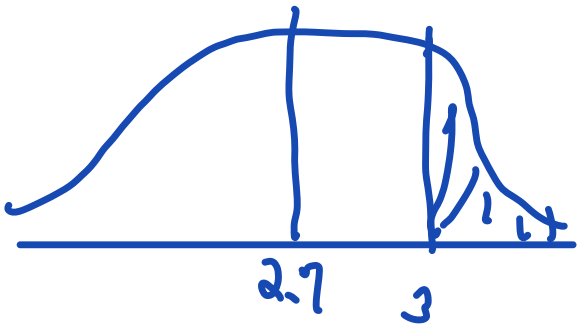
(2)

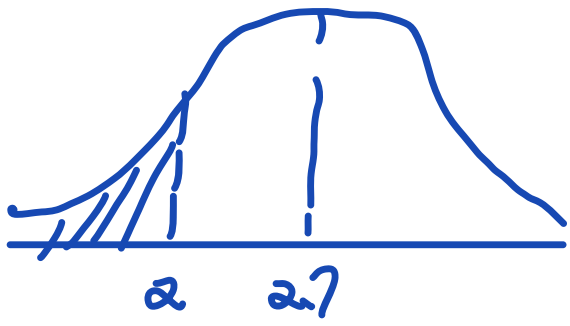
(a) $X \sim N(2.7, 1)$

(b) $P(X > 3)$



Using R
↳ 38.6%.

(c)



Using R
↳ 24.2%.