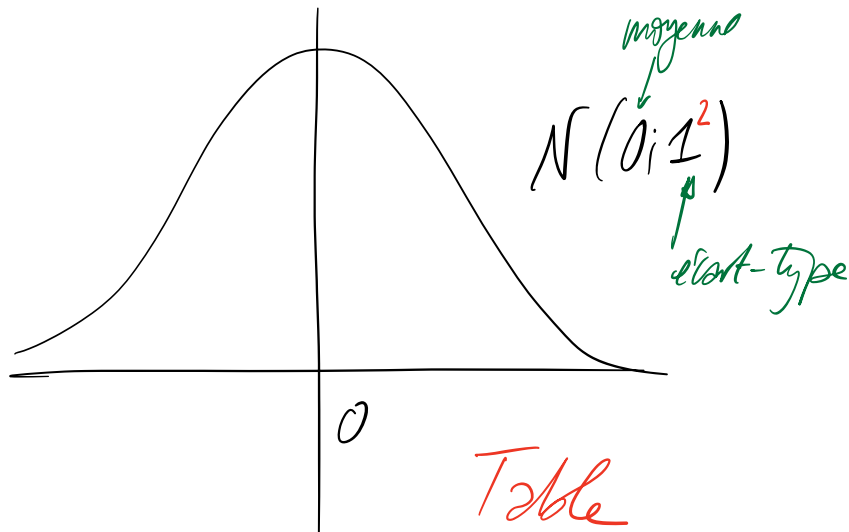
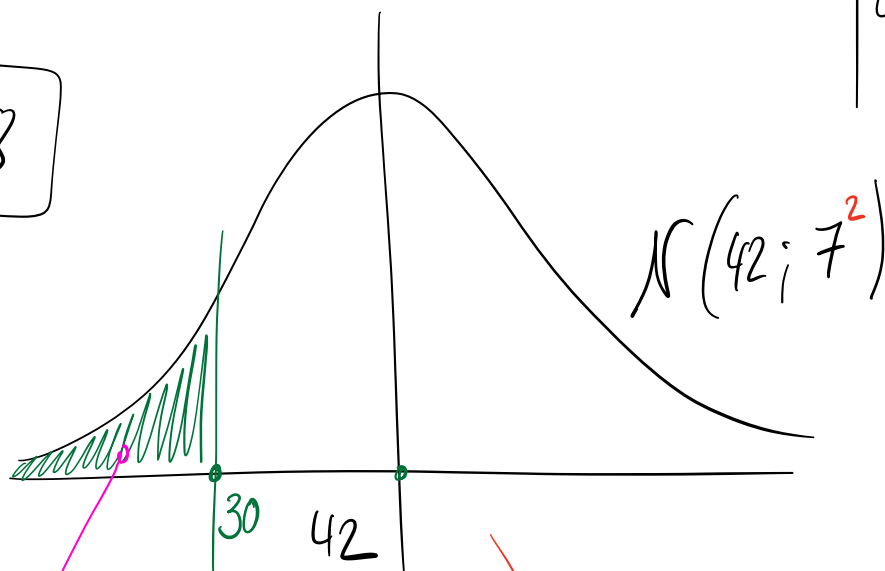


Loi normale



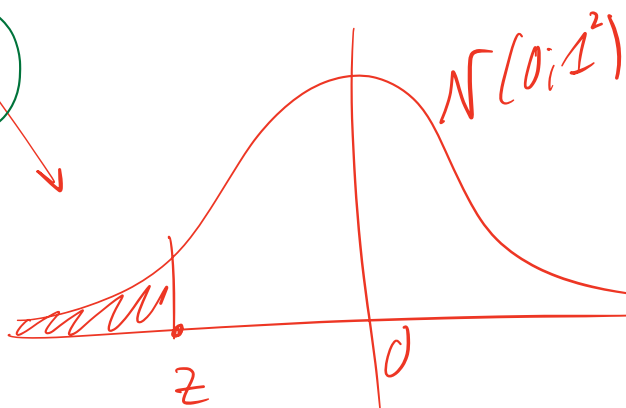
4.8



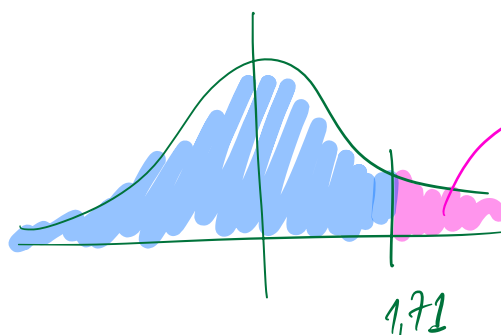
Table

écart-type: 7
variance: 7^2

$$P(X < 30) = 4,4\%$$



$$z = \frac{30 - 42}{7} = \frac{-12}{7} \approx -1,71$$



$$100\% - 95,64\% \approx 4,36\%$$

$$P(Z < 1,71) = 95,64$$

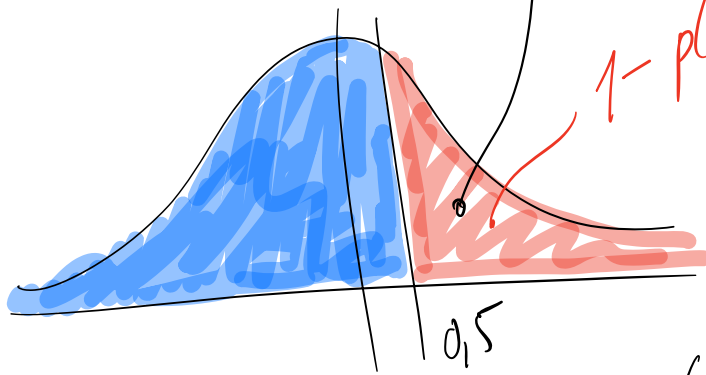
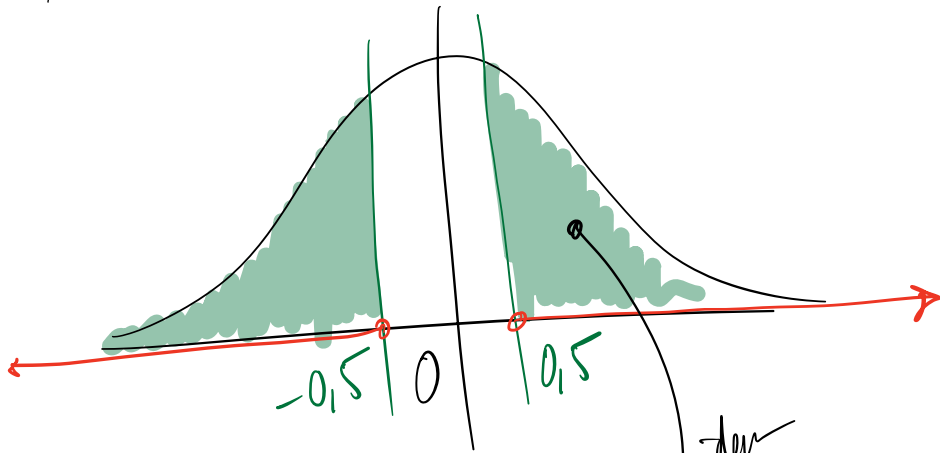
$$p(|z| > 0,5)$$

$$z \text{ est } \mathcal{N}(0; 1)$$

$$(|-0,5| = 0,5)$$

$$|z| \downarrow$$

↑
valeur de z
« sans le signe »



$$1 - p(z < 0,5)$$

$$p(z < 0,5)$$

idem