

طريقة استخدام الآلة الحاسبة لإيجاد الاحتمال للتوزيع الطبيعي المعياري:

How to use calculator to find the probability for the standard normal distribution:

MODE → 3: STAT → AC

SHIFT → 1 → 5: Distr

- 1) To find $P(Z < a)$, choose 1: P(then put the value of a then =
- 2) To find $P(0 < Z < a)$, choose 2: Q(then put the value of a then =
- 3) To find $P(Z > a)$, choose 3: R(then put the value of a then =
- 4) To find $P(a < Z < b)$:

We have $P(a < Z < b) = P(Z < b) - P(Z < a)$

then, use (1) to find $P(Z < b)$ and $P(Z < a)$

The steps for the calculator fx-570EX:

<https://youtube.com/shorts/MMxR1nZSZwM?si=-PSEgmO0IMcqTM1f>