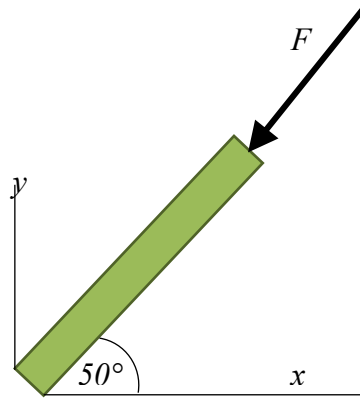


11. Determine x - and y components of $F \sim N(2500, 200^2)$ N.



Solution: $F_x \sim N(-1607, -128.6^2)$ N and $F_y \sim N(-1915.1, -153.2^2)$ N.