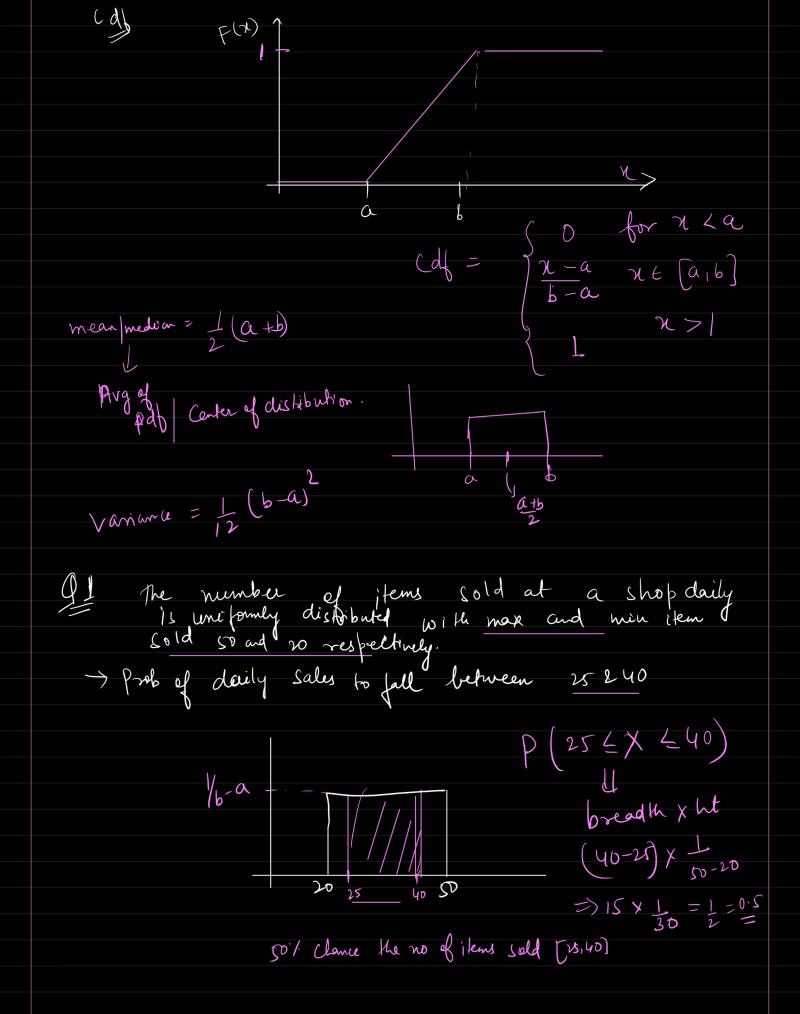
Condinuous Uniform des hibertion
- A uniform distribution refers to a type of proto distribution in which outcomes are equally likely.
prob distribution in which outcomes are equally
likely.
Uniform distribution
Discrete Continuous Uniform
Discrete Uniform Dest  Continuous Uniform des hibrition
(Pmb) (pdb)
of A Continuous unilcomboolo destablished on it a dest that has an
* A Continuous uniformprob destribution is a dist that has an infinite no of values defined in a Specified range/bound.
regimes pour of the solution of specifical
> 8.V 15 Continuous.  > rectorgular dist.  Examples - A perfect Random generator.)
Examples - A perfect Random generator.)
- Prob of quessing exact time at any moments
- Prob et quessing exact time at any momente  waiting time at a bus stop (consistent bus arrival)
Tends transation in aday file to be bluetisty
1/2 a min ad wave
Temb variation in aday (if a tent flushedig byw a min advance value)
parameter: $-\infty < a < b < \infty$ b > > a a is min, b is max.
fair f(m)
The maximum prob of
b-a the variable x 15 I.
\(\frac{1}{2}\)
)
Arca et rectargle = bosse x height
$1 = b - a \times f(x)$
$f(x) = \frac{1}{b-a}$
V D



$$P(x > 30) = (9-30) \times \frac{1}{50-20}$$

$$P(x > 30) = (9$$