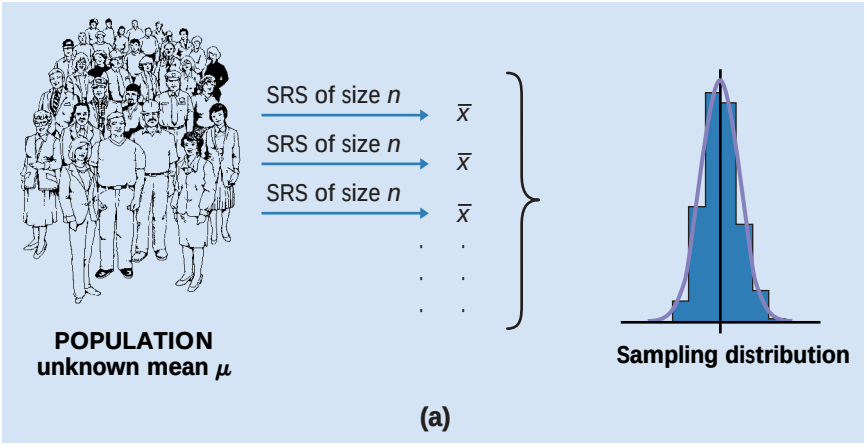
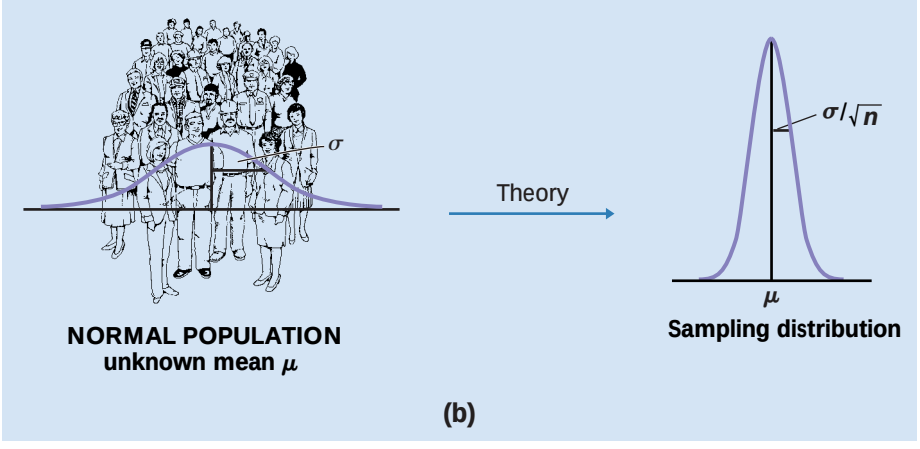
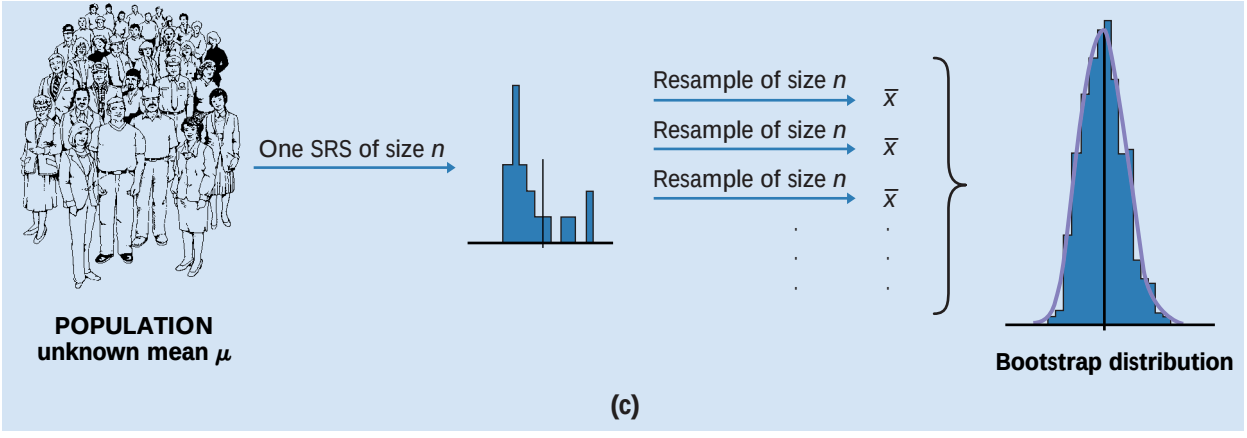

SRS of size n
SRS of size n
SRS of size n
$\bar{x}$
$\bar{x}$
$\bar{x}$
POPULATION
unknown mean μ
Sampling distribution
(a)


σ
Theory
$\sigma/\sqrt{n}$
μ
NORMAL POPULATION
unknown mean μ
Sampling distribution
(b)


One SRS of size n
Resample of size n
Resample of size n
Resample of size n
$\bar{x}$
$\bar{x}$
$\bar{x}$
POPULATION
unknown mean μ
Bootstrap distribution
(c)