

Answers to Sample Test 2.

Problem 1. 0.138

Problem 2.

1. Normal.
2. $\mu_{\bar{x}} = 10, \sigma_{\bar{x}} = \frac{5}{\sqrt{35}}$.
3. $\mu_{\bar{x}}$ the same, $\sigma_{\bar{x}}$ is smaller.

Problem 3.

1. 0.159
2. 0.668
3. 0.15

Problem 5.

1. 0.000415801
2. 0.054687499