**Here is the LIST: 1 2 3 4 5 6 7 8 9 10**

**1. Select 2 units from the list (f = 2 / 10)**

Interval = 10 / 2 = 5

Random start (1-5) = 3

Selections: \_\_\_ \_\_\_\_

**2. Select 4 units from the list (f = 4 / 10)**

Interval = 10 / 4 = 2.5

What to do?

a. If it is ok to take extra selections, **round down**

Interval = 2

Random start (1-2) = 2

Selections: \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_

b. **First** drop 2 at random, then pick 4.

Two random numbers (1-10) = 3 and 10

Remaining units on the list:

\_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_ \_\_\_

New interval = \_\_

Random start (1-2) = 1

Selection numbers: \_\_\_ \_\_\_ \_\_\_ \_\_\_

Selected units: \_\_\_ \_\_\_ \_\_\_ \_\_\_

Probability of selection = \_\_\_/10 \* 4/8 = \_\_\_\_

**c. Use fractional intervals; truncate selection numbers**

Interval = 2.5

Random start (.1 - 2.5) = 1.5

Selection numbers: 1.5 \_\_\_ \_\_\_ \_\_\_

Selected units: \_\_\_ \_\_\_ \_\_\_ \_\_\_

Interval = 2.5

Random start (.1 - 2.5) = .5

Selection numbers: .5 \_\_\_ \_\_\_ \_\_\_ \_\_\_

Selected units: \_\_\_ \_\_\_ \_\_\_ \_\_\_