

A Tacky Activity

This three sample activity involves tossing a tack. For each sample the tack will be tossed a number of times and then each student will compute the percentage of “ups”.

Sample 1: Toss the tack 5 times.

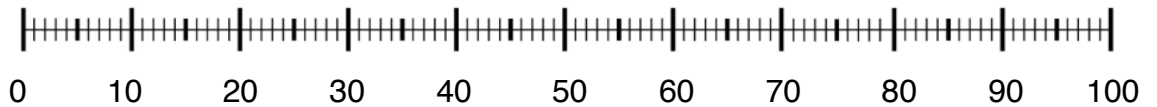
Sample 2: Toss the tack 20 times for a total of 25 tosses.

Sample 3: Toss the tack 25 times for a total of 50 tosses.

We will produce and analyze a dotplot of the class data for each sample size.

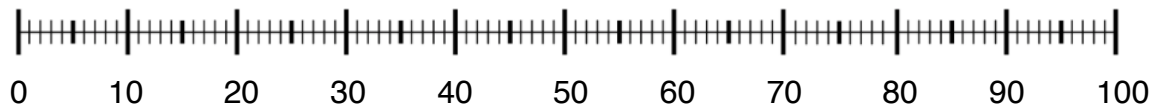
Sample 1:

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____



Sample 2:

- 6 _____ 16 _____
- 7 _____ 17 _____
- 8 _____ 18 _____
- 9 _____ 19 _____
- 10 _____ 20 _____
- 11 _____ 21 _____
- 12 _____ 22 _____
- 13 _____ 23 _____
- 14 _____ 24 _____
- 15 _____ 25 _____



Sample 3:

- 26 _____ 39 _____
- 27 _____ 40 _____
- 28 _____ 41 _____
- 29 _____ 42 _____
- 30 _____ 43 _____
- 31 _____ 44 _____
- 32 _____ 45 _____
- 33 _____ 46 _____
- 34 _____ 47 _____
- 35 _____ 48 _____
- 36 _____ 49 _____
- 37 _____ 50 _____
- 38 _____

