Name:          Due Date:          Teacher:          Parent Sign:

Line Plot A (measurements): $\frac{1}{4}$ (2), $\frac{1}{2}$ (5), $\frac{3}{4}$ (3), 1 (1)

1. How many measurements are $\frac{1}{2}$?

2. Which fraction is the mode (appears most often)?

3. How many total measurements are on this plot?

4. How many more measurements are $\frac{1}{2}$ than $\frac{1}{4}$?

5. What is the median measurement?

6. What is the range of the measurements? (highest - lowest)

Line Plot B (measurements): $\frac{1}{8}$ (1), $\frac{1}{4}$ (2), $\frac{3}{8}$ (3), $\frac{1}{2}$ (2), $\frac{5}{8}$ (2)

7. How many measurements are $\frac{3}{8}$?

8. Which fractions have exactly 2 measurements?

9. What is the total number of measurements?

10. How many measurements are at least $\frac{1}{2}$?

11. What is the median measurement?

12. Which fraction is the least common?

13. Which fraction is the mode?

14. What is the difference in count between $\frac{3}{8}$ and $\frac{5}{8}$?

Line Plot C (trail mix — cups of raisins per sample): $\frac{1}{4}$ (3), $\frac{1}{2}$ (4), $\frac{3}{4}$ (2), 1 (1)

15. How many samples have $\frac{1}{4}$ cup of raisins?

16. What fraction of samples have at least $\frac{1}{2}$ cup? (Give a fraction of the total)

17. Which amount is the mode?

18. How many fewer samples have $\frac{3}{4}$ cup than $\frac{1}{2}$ cup?

19. What is the median amount of raisins?

20. If you pick one sample at random, what is the probability it has exactly 1 cup?

21. What is the range of the amounts?

Line Plot D (measurements): $\frac{1}{4}$ (4), $\frac{1}{2}$ (3), $\frac{3}{4}$ (3)

22. How many measurements are $\frac{1}{4}$?

23. Which fraction is most common?

24. What fraction of the measurements are $\frac{3}{4}$? (give as a fraction of the total)

25. What is the median measurement?

26. How many total measurements are on this plot?

27. How many more measurements are $\frac{1}{4}$ than $\frac{1}{2}$?

Line Plot E (trail mix — chocolate pieces per serving in cups): $\frac{1}{8}$ (2), $\frac{1}{4}$ (4), $\frac{3}{8}$ (2), $\frac{1}{2}$ (2)

28. How many servings have $\frac{1}{4}$ cup of chocolate pieces?

29. How many servings have less than $\frac{1}{2}$ cup?

30. What is the median serving size?

31. Which fractions tie for the least number of servings?

32. What is the mode?

33. What fraction of servings have at least $\frac{1}{4}$ cup? (give as fraction of total)

34. How many more $\frac{1}{4}$-cup servings than $\frac{3}{8}$-cup servings?

Line Plot F (pencil shavings in inches): $\frac{1}{3}$ (3), $\frac{2}{3}$ (4), 1 (3)

35. How many shavings measure $\frac{2}{3}$ inch?

36. How many shavings are shown in total?

37. Which measurement is the mode?

38. What is the median measurement?

39. What is the range of the measurements?

40. How many shavings measure less than 1 inch?

Line Plot G (measurements): $\frac{1}{8}$ (1), $\frac{1}{4}$ (1), $\frac{3}{8}$ (3), $\frac{1}{2}$ (3), $\frac{5}{8}$ (2)

41. How many measurements are $\frac{3}{8}$?

42. Which fraction(s) tie for the most common?

43. How many measurements are there in all?

44. What is the median measurement?

45. How many measurements are greater than $\frac{1}{4}$?

46. Which fraction(s) are the least common?

47. What is the mode?

48. How many more measurements are $\frac{1}{2}$ than $\frac{5}{8}$?

49. What is the range of the measurements?

50. If one measurement is chosen at random, what is the probability it is $\frac{1}{8}$ or $\frac{1}{4}$?