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2. Ribbon lengths (in inches): $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$, $2\frac{3}{4}$, $2\frac{1}{2}$. Make a line plot using $\frac{1}{4}$ -inch intervals. What is the range?
3. Lap distances (miles): $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{4}$, 1. Make a line plot using $\frac{1}{4}$ -mile intervals. What is the median?
4. Measured pieces (inches): $\frac{3}{8}$, $\frac{1}{4}$, $\frac{1}{8}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{1}{4}$. Make a line plot using $\frac{1}{8}$ -inch intervals. Which measurement(s) appear most often?
5. Spoonfuls (cups): $\frac{1}{3}$, $\frac{2}{3}$, $\frac{1}{3}$, 1, $\frac{2}{3}$. Make a line plot using $\frac{1}{3}$ -cup intervals. What is the mode?
6. Board lengths (inches): $4\frac{1}{2}$, $4\frac{1}{4}$, $4\frac{3}{4}$, $4\frac{1}{2}$, $4\frac{1}{4}$. Make a line plot using $\frac{1}{4}$ -inch intervals. What is the median?
7. Knife lengths (inches): $7\frac{1}{8}$, $7\frac{1}{4}$, $7\frac{1}{8}$, $7\frac{3}{8}$, $7\frac{1}{8}$. Make a line plot using $\frac{1}{8}$ -inch intervals. Which length is most common?
8. Plant growth (cm, halves): $3\frac{1}{2}$, 4, $3\frac{1}{2}$, 3, 4, $3\frac{1}{2}$. Make a line plot using $\frac{1}{2}$ -cm intervals. What is the range?
9. Practice times (minutes): $2\frac{1}{4}$, $1\frac{3}{4}$, 2, $2\frac{1}{4}$, $1\frac{3}{4}$, 2. Make a line plot using $\frac{1}{4}$ -minute intervals. How many are exactly 2 minutes?
10. Button weights (ounces): $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{4}$, 1. Make a line plot using $\frac{1}{4}$ -ounce intervals. What is the mode?
11. Jump heights (feet): $2\frac{1}{2}$, $2\frac{3}{4}$, $2\frac{1}{4}$, $2\frac{1}{2}$, $2\frac{3}{4}$, $2\frac{1}{2}$. Make a line plot using $\frac{1}{4}$ -foot intervals. How many more $2\frac{1}{2}$ -foot jumps than $2\frac{1}{4}$ -foot jumps?
12. Machine parts (inches): $5\frac{1}{8}$, $5\frac{3}{8}$, $5\frac{1}{4}$, $5\frac{1}{8}$, $5\frac{3}{8}$, $5\frac{1}{4}$. Make a line plot using $\frac{1}{8}$ -inch intervals. What is the median?
13. Batter amounts (cups): $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{8}$, $\frac{1}{2}$. Make a line plot using $\frac{1}{8}$ -cup intervals. How many pieces measure $\frac{1}{2}$ cup?
14. Toss distances (feet): $6\frac{3}{4}$, 7, $6\frac{1}{2}$, 7, $6\frac{3}{4}$, $7\frac{1}{4}$. Make a line plot using $\frac{1}{4}$ -foot intervals. What is the mode?
15. Cut lengths (inches): $1\frac{5}{8}$, $1\frac{1}{2}$, $1\frac{3}{4}$, $1\frac{5}{8}$, $1\frac{3}{4}$. Make a line plot using $\frac{1}{8}$ -inch intervals. Which length(s) are tied for most frequent?
16. Measuring ribbon (yards): $\frac{3}{4}$, 1, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{2}$, $\frac{3}{4}$. Make a line plot using $\frac{1}{4}$ -yard intervals. What is the median?
17. Paint swatch widths (in inches): $2\frac{1}{8}$, $2\frac{1}{4}$, $2\frac{1}{8}$, $2\frac{3}{8}$, $2\frac{1}{4}$. Make a line plot using $\frac{1}{8}$ -inch intervals. How many are $2\frac{1}{8}$ inches?
18. Cookie dough pieces (cups): $\frac{1}{4}$, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$. Make a line plot using $\frac{1}{4}$ -cup intervals. What is the range?
19. Track times (minutes): $3\frac{1}{2}$, $3\frac{3}{4}$, 4, $3\frac{1}{2}$, $3\frac{3}{4}$. Make a line plot using $\frac{1}{4}$ -minute intervals. Which time(s) are most common?
20. Pencil lengths (in inches): $6\frac{1}{2}$, $6\frac{3}{4}$, $6\frac{1}{2}$, 6, $6\frac{1}{2}$. Make a line plot using $\frac{1}{4}$ -inch intervals. What is the mode and how many pencils have that length?
21. Yarn pieces (inches): $8\frac{1}{4}$, $8\frac{1}{2}$, $8\frac{1}{4}$, $8\frac{3}{4}$, $8\frac{1}{2}$, $8\frac{1}{4}$. Make a line plot using $\frac{1}{4}$ -inch intervals. What is the median?
22. Seedling heights (in inches): $1\frac{1}{4}$, $1\frac{1}{2}$, $1\frac{1}{4}$, $1\frac{3}{4}$, $1\frac{1}{2}$, $1\frac{1}{4}$. Make a line plot using $\frac{1}{4}$ -inch intervals. How many seedlings are at least $1\frac{1}{2}$ inches?
23. Toy car distances (feet): $4\frac{3}{8}$, $4\frac{1}{4}$, $4\frac{1}{2}$, $4\frac{3}{8}$, $4\frac{1}{4}$. Make a line plot using $\frac{1}{8}$ -foot intervals. Which distance(s) appear most often?
24. Ribbon pieces (inches): $\frac{3}{4}$, $\frac{1}{2}$, 1, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{3}{4}$. Make a line plot using $\frac{1}{4}$ -inch intervals. What fraction of the pieces are $\frac{3}{4}$ inch? (Give answer as a fraction.)
25. Water in cups (for plants): $2\frac{1}{4}$, 2, $2\frac{1}{4}$, $2\frac{1}{2}$, 2, $2\frac{1}{4}$. Make a line plot using $\frac{1}{4}$ -cup intervals. What is the mode?
26. Nail lengths (inches): $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{8}$, $1\frac{1}{4}$. Make a line plot using $\frac{1}{8}$ -inch intervals. How many nails are $1\frac{1}{4}$ inches?



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27. Paper strip widths (in inches): $0 \frac{3}{4}$, 1, $\frac{3}{4}$, $1 \frac{1}{4}$, 1, $\frac{3}{4}$. Make a line plot using $\frac{1}{4}$ -inch intervals. What is the median?
28. Fish lengths (in inches): $5 \frac{1}{2}$, $5 \frac{1}{4}$, $5 \frac{3}{4}$, $5 \frac{1}{2}$, $5 \frac{1}{4}$. Make a line plot using $\frac{1}{4}$ -inch intervals. Which lengths are tied for most frequent?
29. Paint samples (in inches): $2 \frac{1}{2}$, $2 \frac{1}{4}$, $2 \frac{3}{4}$, $2 \frac{1}{2}$, $2 \frac{1}{4}$, $2 \frac{3}{4}$. Make a line plot using $\frac{1}{4}$ -inch intervals. How many different lengths are there?
30. Measurement set (in inches): $\frac{3}{8}$, $\frac{1}{2}$, $\frac{3}{8}$, $\frac{3}{8}$, $\frac{5}{8}$, $\frac{1}{2}$. Make a line plot using $\frac{1}{8}$ -inch intervals. What is the mode?
31. Students measured paper towel lengths (in inches): $11 \frac{1}{4}$, $11 \frac{1}{2}$, $11 \frac{1}{4}$, 11, $11 \frac{1}{2}$. Make a line plot using $\frac{1}{4}$ -inch intervals. What is the range?
32. Candy pieces (ounces): $\frac{1}{4}$, $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{4}$, $\frac{3}{4}$, $\frac{1}{2}$. Make a line plot using $\frac{1}{4}$ -ounce intervals. What portion (fraction) are $\frac{1}{4}$ ounce?
33. Ruler fragments (in inches): $7 \frac{3}{8}$, $7 \frac{1}{4}$, $7 \frac{1}{8}$, $7 \frac{3}{8}$, $7 \frac{1}{4}$. Make a line plot using $\frac{1}{8}$ -inch intervals. What is the median?
34. Plant watering amounts (cups): $1 \frac{1}{2}$, $1 \frac{1}{4}$, $1 \frac{1}{2}$, $1 \frac{3}{4}$, $1 \frac{1}{4}$. Make a line plot using $\frac{1}{4}$ -cup intervals. How many plants received less than $1 \frac{1}{2}$ cups?
35. Yard stick marks (in inches): $24 \frac{1}{2}$, $24 \frac{3}{4}$, $24 \frac{1}{4}$, $24 \frac{1}{2}$, $24 \frac{3}{4}$. Make a line plot using $\frac{1}{4}$ -inch intervals. Which mark appears most?
36. Pieces of string (in inches): $10 \frac{1}{8}$, $10 \frac{1}{8}$, $10 \frac{3}{8}$, $10 \frac{1}{4}$, $10 \frac{1}{8}$. Make a line plot using $\frac{1}{8}$ -inch intervals. What is the mode and how many?
37. Baking times (minutes): $12 \frac{1}{2}$, $12 \frac{3}{4}$, 13, $12 \frac{1}{2}$, $12 \frac{3}{4}$. Make a line plot using $\frac{1}{4}$ -minute intervals. What is the median?
38. Tile widths (in inches): $6 \frac{1}{2}$, $6 \frac{1}{4}$, $6 \frac{3}{4}$, $6 \frac{1}{2}$, $6 \frac{1}{4}$, $6 \frac{3}{4}$. Make a line plot using $\frac{1}{4}$ -inch intervals. How many tiles measure $6 \frac{3}{4}$ inches?
39. Pocket lengths (in inches): $2 \frac{1}{8}$, $2 \frac{1}{8}$, $2 \frac{1}{4}$, $2 \frac{3}{8}$, $2 \frac{1}{4}$. Make a line plot using $\frac{1}{8}$ -inch intervals. Which value(s) is/are the mode(s)?
40. Bark strip lengths (in inches): $0 \frac{1}{2}$, $0 \frac{3}{4}$, $0 \frac{1}{4}$, $0 \frac{1}{2}$, $0 \frac{3}{4}$, $\frac{1}{2}$. (Note: last is $\frac{1}{2}$) Make a line plot using $\frac{1}{4}$ -inch intervals. How many strips are $\frac{1}{2}$ inch?
41. Flower stem heights (in inches): $14 \frac{1}{4}$, $14 \frac{1}{2}$, $14 \frac{1}{4}$, $14 \frac{3}{4}$, $14 \frac{1}{2}$. Make a line plot using $\frac{1}{4}$ -inch intervals. What is the median?
42. Measured wood pieces (in inches): $9 \frac{5}{8}$, $9 \frac{3}{4}$, $9 \frac{5}{8}$, $9 \frac{7}{8}$, $9 \frac{3}{4}$. Make a line plot using $\frac{1}{8}$ -inch intervals. Which measurement is most common?
43. Ribbon lengths for bows (in inches): $2 \frac{1}{4}$, $2 \frac{1}{4}$, $2 \frac{1}{2}$, $2 \frac{3}{4}$, $2 \frac{1}{2}$, $2 \frac{1}{4}$. Make a line plot using $\frac{1}{4}$ -inch intervals. How many ribbons are $2 \frac{1}{2}$ inches?
44. Relay batons (in inches): $12 \frac{1}{2}$, $12 \frac{1}{4}$, $12 \frac{1}{4}$, $12 \frac{3}{4}$, $12 \frac{1}{2}$. Make a line plot using $\frac{1}{4}$ -inch intervals. What is the range?
45. Cake slice widths (in inches): $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{8}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{5}{8}$. Make a line plot using $\frac{1}{8}$ -inch intervals. Which measurement occurs most often?
46. Shoe insole lengths (in inches): $9 \frac{1}{4}$, $9 \frac{1}{2}$, $9 \frac{1}{4}$, $9 \frac{3}{4}$, $9 \frac{1}{2}$, $9 \frac{1}{4}$. Make a line plot using $\frac{1}{4}$ -inch intervals. What fraction of insoles are $9 \frac{1}{4}$ inches?
47. Seed packet weights (ounces): $0 \frac{1}{8}$, $0 \frac{1}{8}$, $0 \frac{1}{4}$, $0 \frac{1}{8}$, $0 \frac{3}{8}$. Make a line plot using $\frac{1}{8}$ -ounce intervals. How many packets weigh $\frac{1}{8}$ ounce?



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48. Classroom desk heights (in inches): $29 \frac{1}{2}$, $29 \frac{1}{4}$, $29 \frac{1}{2}$, $29 \frac{3}{4}$, $29 \frac{1}{2}$. Make a line plot using $\frac{1}{4}$ -inch intervals. What is the mode?
49. Baby bird wing lengths (in inches): $2 \frac{3}{8}$, $2 \frac{1}{4}$, $2 \frac{1}{2}$, $2 \frac{3}{8}$, $2 \frac{1}{4}$. Make a line plot using $\frac{1}{8}$ -inch intervals. What is the median?
50. Watering can amounts (liters, in quarters): $0 \frac{1}{4}$, $0 \frac{1}{2}$, $0 \frac{1}{4}$, $0 \frac{3}{4}$, $0 \frac{1}{2}$, $0 \frac{1}{4}$. Make a line plot using $\frac{1}{4}$ -liter intervals. How many times was $\frac{1}{4}$ liter used?