

Choosing Appropriate Graphs - Math Practice

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. A store sold 30 apples, 20 bananas, and 50 oranges. What type of graph would best represent this data?

2. A temperature change is recorded over a week: 65°F, 68°F, 70°F, 72°F, 75°F. What graph shows this change best?

3. If you have $\frac{1}{4}$ of a pizza left, what type of graph can show how much is left compared to a whole pizza?

4. The heights of 10 students are measured in inches. What graph would you use to show how many students fall within each height range?

5. Convert 3.5 liters to milliliters.
6. Circle the better graph for showing monthly expenses: Bar graph or Line graph
7. A survey showed that 40% of students play basketball, 30% play soccer, and 30% play tennis. What graph best represents this data?

8. Calculate the total volume of a box that is 4 inches long, 3 inches wide, and 5 inches high.
9. What number comes next in the sequence of heights (in inches): 48, 50, 52, ____?
10. A bar graph can show changes over time.
 True False
11. If a line graph shows a decrease in sales from 100 to 70 over 4 months, what is the average decrease per month?

12. Multiply $\frac{2}{3}$ by $\frac{3}{4}$.
13. If Sarah's test scores are 80, 85, and 90, what type of graph would best show her average performance?

14. Which graph is better for showing survey results: Pie chart or Line graph?

15. What number comes next in the pattern: 10, 20, 30, ___?

Answer Key

1. Bar graph 2. Line graph 3. Pie chart 4. Line plot 5. 3500 6. Bar graph 7. Pie chart 8. 60 9. 54 10. False 11. 7.5 12. 1/2 13. Bar graph 14. Pie chart 15. 40