

Statistics and Data Analysis Practice

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5th Grade Math Practice

Name: _____

Date: _____

Solve each problem. Show your work when needed.

1. A survey asks 30 students if they prefer chocolate or vanilla ice cream. If 18 choose chocolate, what fraction prefers vanilla?

2. $45 \div 9 = \underline{\quad}$

3. In a survey, 25% of 200 people preferred summer. How many people preferred summer?

4. Circle the greater number: 65% or 0.6

5. What number comes next in the pattern? 10, 20, 30, _____

6. A well-designed survey should avoid biased wording. True or False?

True False

7. If a survey of 60 people shows that 36 like apples, what fraction do not like apples?

8. $\frac{3}{4} + \frac{1}{8} = \underline{\quad}$

9. A survey shows that 12 out of 40 people prefer cats. What percent prefer cats?

10. $5.5 - 2.3 = \underline{\quad}$

11. In a survey, 10 out of 50 students prefer online classes. What is the ratio of students who prefer online classes to those who do not?

12. $\frac{2}{3} \times 9 = \underline{\quad}$

13. If a survey has 80 responses and 20 are invalid, how many valid responses are there?

14. $0.75 + 0.25 = \underline{\quad}$

15. Circle the greater number: 0./5:

8 4

____ or ____

Answer Key

1. 2/5 2. 5 3. 50 4. 65% 5. 40 6. True 7. 2/5 8. 7/8 9. 30% 10. 3.2 11. 1:4 12. 6 13. 60 14. 1 15. 0.8