

Name _____ Date _____

Volume 2 Alternate Final Test

Add the following, be sure to reduce your answers.

1. $\frac{3}{4} + 1\frac{1}{4} =$

2. $\frac{3}{5} + \frac{4}{15} =$

3. $1.035 + 0.21 =$

4. $3\frac{5}{8} + 1\frac{13}{24} =$

Subtract the following, be sure to reduce your answers.

5. $5\frac{7}{16} - 1\frac{9}{16} =$

6. $\frac{12}{15} - \frac{3}{5} =$

7. $18.55 - 2.083 =$

8. $\frac{107}{4} - \frac{208}{8} =$

9. Luke ordered some pizza for \$45.00. He wants to give the delivery driver a 20% tip. How much should he tip? _____

10. A jar holds 200 jellybeans. Twenty percent of them are blue, fifty percent are red, and the rest are white. How many of each color is in the jar?

Blue _____ Red _____ White _____

What percentage of jellybeans are white? _____

11. There are 700 people in the room; 57% of them are wearing hats. How many people in the room are wearing hats? _____

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12. A gray cat ate $\frac{7}{20}$ of a can of cat food. An orange cat ate $\frac{5}{12}$ of a can of cat food. Which cat ate the most? _____
13. Joe's bank account has negative \$18. If he deposits \$32 into his account, how much will be in his bank account? _____
14. Pricilla homeschooled her children for five hours. Below is a list of the subjects she taught and what percentage of time was spent on each subject. How much time was spent on each subject?

Math 28% of the time = _____ hours

Science 12% of the time = _____ hours

Reading 17% of the time = _____ hours

Spelling 15% of the time = _____ hours

Social Studies 8% of the time = _____ hours

Geography 11% of the time = _____ hours

Art 5% of the time = _____ hours

Music 4% of the time = _____ hours

15. A pizza is cut into eight equal slices. Miliana eats two of the slices.
- What fraction of the pizza did she eat? _____
- What percentage of the pizza did she eat? _____

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Solve the following, be sure to reduce your answers.

16. $-3\frac{8}{12} + -2\frac{5}{12} =$

17. $-\frac{9}{27} - \frac{2}{3} =$

18. $-.25 - 0.75 =$

19. $-2\frac{1}{2} + \frac{5}{8} =$

20. $\frac{12}{13} + -\frac{7}{26} =$

21. $-5.95 \times -.004 =$

22. $-6\frac{1}{3} \times \frac{1}{2} =$

23. $-\frac{5}{16} \times -4\frac{1}{8} =$

24. $.4548 \div -.3 =$

25. $-3\frac{4}{9} \div -1\frac{1}{3} =$