MAT 030 - Final Exam - F10 - Ver. 2

Name: _____ Class: _____ Date: _____

1. Round: 143275.99328 to the nearest tens

1. _____

2. Round: 258755.88489 to the nearest tenth

2. _____

3. Round: 467487.24171 to the nearest hundreds

3. _____

4. Round: 436156.51782 to the nearest ten-thousandth

4. _____

5. Round: 593225.74165 to the nearest whole number

5. _____

6. $55 + 75$

6. _____

7. $9,698 + 975 + 43,851$

7. _____

8. $81,619 - 36,164$

8. _____

9. $86,005 - 34,768$

9. _____

10. 64×709

10. _____

11. 520×709

11. _____

12. $5,560 \div 8 =$

12. _____

13. $18612 \div 37$(Use remainder notation ex: $4r5$)

13. _____

14. Write the number in exponential notation: $3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 =$

14. _____

15. Write the number in exponential notation: $5 \cdot 5 \cdot 5 \cdot 5 \cdot 5 \cdot 6 \cdot 6 \cdot 6 =$

15. _____

16. $4 \times 3 - 2 =$

16. _____

17. $7 \times (7 - 4) + 7 =$

17. _____

18. $6 \times (7 - 2) \times 9 =$

18. _____

19. $6 - 3 + 72 \div 3 \times 5 =$

19. _____

20. $189 \div 7 \cdot 3^2 + (7 - 4)^3 =$

20. _____

21. Find the Prime Factorization of: 90

21. _____

22. Find the Prime Factorization of: 132

22. _____

23. Find the Least Common Multiple (LCM) of: 14 and 24

23. _____

24. Find the Least Common Multiple (LCM) of: $5, 15,$ and 9

24. _____

25. Write 3 fractions that are equivalent to: $\frac{7}{8}$

25. _____

26. Write the mixed number as an improper fraction: $5\frac{2}{3}$

26. _____

27. Write the mixed number as an improper fraction: $6\frac{3}{10}$

27. _____

28. Write the improper fraction as a mixed number: $\frac{28}{15}$

28. _____

29. Write the improper fraction as a mixed number: $\frac{34}{7}$

29. _____

30. Add the following two fractions: $\frac{7}{16} + \frac{4}{18}$

30. _____

31. Multiply the following two fractions: $\frac{6}{10} \cdot \frac{7}{8}$

31. _____

32. Subtract the following two fractions: $\frac{2}{7} - \frac{2}{9}$

32. _____

33. Divide the following two fractions: $\frac{2}{7} \div \frac{6}{3}$

33. _____

34. Add the following two fractions: $5\frac{3}{4} + 4\frac{7}{9}$

34. _____

35. Divide the following two fractions: $5\frac{5}{7} \div 1\frac{7}{8}$

35. _____

36. Multiply the following two fractions: $2\frac{3}{10} \cdot 3\frac{4}{7}$

36. _____

37. Subtract the following two fractions: $7\frac{6}{7} - 4\frac{8}{9}$

37. _____

38. $685.3 + 8.785 + 0.29$

38. _____

39. $1.71 - 0.00973$

39. _____

40. 0.93×0.059

40. _____

41. $4.41 \div 4.7$(Round to the nearest tenth)

41. _____

42. $1.33 + 67.397 + 1.1709$

42. _____

43. 38×0.056

43. _____

44. $78.866 - 7.39$

44. _____

45. $0.133 \div 0.3$(Round to the nearest hundreth)

45. _____

46. Write the fraction: $\frac{3}{8}$ as a decimal (round to the nearest hundredth if required)

46. _____

47. Write the fraction: $\frac{5}{12}$ as a decimal (round to the nearest hundredth if required)

47. _____

48. Write the decimal: 0.42 as a fraction (simplify your answer)

48. _____

49. Write the decimal: 0.598 as a fraction (simplify your answer)

49. _____

50. There is no question 50, you are done!!

50. _____

Why are you looking at a blank (ok mostly blank) page?

Question 1: 143280
Question 2: 258755.9
Question 3: 467500
Question 4: 436156.5178
Question 5: 593226
Question 6: 130
Question 7: 54,524
Question 8: 45,455
Question 9: 51,237
Question 10: 45,376
Question 11: 368,680
Question 12: 695
Question 13: 503 r1
Question 14: 3^5
Question 15: $6^3 * 5^5$
Question 16: 10
Question 17: 28
Question 18: 270
Question 19: 123
Question 20: 270
Question 21: 2*3*3*5
Question 22: 2*2*3*11
Question 23: 168
Question 24: 45
Question 25: 14/16, 21/24, 28/32, additional answers possible
Question 26: 17/3
Question 27: 63/10
Question 28: 1 13/15
Question 29: 4 6/7
Question 30: 95/144
Question 31: 21/40
Question 32: 4/63
Question 33: 1/7
Question 34: 10 19/36
Question 35: 3 1/21
Question 36: 8 3/14
Question 37: 2 61/63
Question 38: 694.375
Question 39: 1.70027
Question 40: 0.05487
Question 41: 0.9
Question 42: 69.8979
Question 43: 2.128
Question 44: 71.476
Question 45: 0.44
Question 46: 0.38
Question 47: 0.42
Question 48: 21/50
Question 49: 299/500
Question 50: Thank God