MATH

1. _____ L = 5000 ML
2. Convert 8.08 to a fraction and reduce.
3. 3:100::X:60
4. Convert 0.07 to a ratio.
5. Convert 4/5 to a decimal.
6. There are 7 girls and each girl has 7 cats, how many legs are in the group?
7. Convert 11am to military time
8. Divide: 5 ½ and 2 ½
9. Add: 12/3 and 4/7
10. Multiply: 3 2/11 x 2 1/5
11. A man is 6'4 tall and weighs 226 lbs. if the max weight for a person at this height is 204lbs, what % overweight is he?
12. A cake provides 24 servings. How many cakes do you need for a class of 70 and staff of 3?
13. 5/12 x 4/9
14. 0.6:X::0.3:2
15. 200:2::20:X
16. A mailman delivers mail to 675 households. Yesterday he delivered a total of 5400 pieces of mail on his route. What was the average number of pieces he delivered to each household? Round to whole number please show me the steps
17. 125:5::75:X
18. _____ ml = 3L
19. What is the expression of the product of X and 24?
20. 45% to a decimal
21. _____ cups = 3 pints
22. $202.48:8 hours::X:12 hours
23. 2 kg = _____ g
24. X pints:80 fl.oz::1 pint:~~6 fl. oz~~ **16 fl. oz**
25. ~~39/54 + 6/13~~ **39/54 x 6/13 multiply & reduce to the simplest form**
26. A person Drove from 8am Tuesday to 5pm Wednesday. Total drive 3 9 6 miles. He has lunch for 3 0 mins on Tuesday and sleep overnight from 7pm Tuesday and go back to drive at 5am Wednesday. On Wednesday he had 30 min for lunch. What is the average speed that he drives?
27. 45:X::35:105
28. 4/3 divide by 0.05
29. Which of the below is the largest expression?
    a. 1:2
    b. 1:222
    c. 1:22
    d. 1:20
30. 1/4 is ____ 2/24
    a. Less than
    b. Greater than
    c. Equal to
31. 5 ¼ + 7 ⅓
32. 1 ½ divide by 2/1

33. How many ounces are in 1 ½ cups?
34. A person wants to change cash into quarters. How many quarters will you get back if you change a $25.00 bill?
35. 0.26 = _____ fractions
36. A man wants to get the best deal on gasoline. He travels out of his way to buy a gallon of gas for $2.14 but he had to travel farther for that gas or he could travel a shorter distance for a gas price of $2.26. if he put 15.7 gallons of gas what is the difference in both gas prices?
37. Which is the largest amount?
    a. 95%
    b. 16.25%
    c. 73.9%
    d. 1.25%
38. 450:15::225:X
39. 4/9 x 4/5
40. 0.3:2::15:X
41. A salesman needs to sell 63 items to make a monthly goal. There are 18 selling days left in the month. What is the average number of profits he needs to sell daily to reach this goal?
42. Convert 5am to military time
43. 3.7 – 1.6 =
44. 2.5 gallons = ____ fl. oz.
45. Convert 0.75 to a ratio
46. Convert 0.16 to a fraction
47. X=4 Y=6 ~~(X (4) + 3(Y)-3(2(X)-Y+2)~~ **x(4) + 3(y) - [3(2(x) - y+2)]**
48. 15/3 X/5
49. If the quotient of X and 12 is 4, what is the divisor?
50. If five books cost $300 how much does 15 books cost?
51. 2/1 x 5/8
52. 5/8 + ½
53. A person builds 2.5 cars in a day. How many cars can the person build in 16.5 days?
54. A patient receives a 15% discount for a visit to the healthcare provider. The total charger for the service is $532.00. How much will the patient pay in full today?

MATH KEY ANSWERS

1. 5L
2. 8 2/25
3. 1.8
4. 7:100
5. 0.80
6. 210
7. 1100
8. 2 ⅕
9. ~~2 5/21~~ **4 4/7**
10. 7
11. 10%
12. 4
13. 5/27
14. 4
15. 0.2
16. ~~6075~~ **8 mails/household**
17. 3
18. 3,000
19. ~~X+24~~ **24x**
20. 0.45
21. 6 cups
22. $303.72
23. 2,000g
24. 5 pts
25. ~~3/9~~ **reduce to 1/3**
26. 18 mph
27. 135
28. ~~8260~~ **26.67**
29. ~~1:222~~ **1:2 = 0.5**
30. ~~LESS THAN~~ **greater than**
31. 12 7/12
32. ¾ = ~~1.33~~ **0.75**
33. ~~24 ounces~~ **12 oz**
34. 100 quarters
35. 13/50
36. ~~$1.89~~ **$1.884**
37. 95%
38. 7.5
39. 16/45
40. 100
41. 3.5
42. 0500
43. 2.1
44. 320 fl. oz.
45. 3:4

46. 4/25
47. ~~14~~ **22**
48. 25
49. 3
50. $900
51. 1 ¼
52. 1 ⅛
53. 41.3 **or 41.25 cars**
54. ~~$79.80~~ **$452.20**