Each question is worth 1 point. Tie breakers will only count in the event of a tie. Label answers as appropriate.   Enjoy!

1. It costs 29 cents to mail a letter and 19 cents to mail a postcard. Tina wrote to 20 people last month. Her cost for postage was $5.20. How many postcards did she write during that time?

2. $3010 \div 8 \times 6 - 4 \div 2 = ?$

3. One of my brothers is 4 years older than the other. If the sum of their ages is 38, the older brother is how old?

4. Joey has a collection of giant books that are either hardcover or softcover. If Joey has 63 books, and he has 2 hardcover books for every 7 softcover books how many hardcover books does Joey have?

5. Juanita is 150 cm tall. Juanita's older brother Carlos is 10 cm taller than Juanita. Juanita's younger brother Miguel is 4 cm shorter than Juanita. What is the average of the heights of Juanita, Carlos, and Miguel?

6. What is the difference between the two whole numbers whose product is 36 and whose sum is 13?

7. Professor Exacto insists that all of his students arrive at his class exactly 7 hours and 77 minutes before 7 p.m. What time do they arrive?

8. Samantha is exactly twelve and one-half years old and her niece Rose is one-thrid as old as Samantha. Yolanda is how many months old?

9. The sum of Jim's and Joan's ages is 30. If, 8 years ago, Jim was as old as Joan was 2 years ago, then how old is Jim now?

10. Two numbers have an average of 10 and a product of 91. What is the smaller of the numbers?

11. What is the difference between the greatest prime number less than 40 and the least prime number greater than 20?

12. Forty minutes after 4:40 is forty minutes before _____.

13. Every year, Arctic terns fly from the Arctic to the Antarctic and back, a distance of about 9000 miles each way. Suppose the birds fly at an average speed of 25 miles per hour for 12 hours a day. How many days of flying would be necessary to make the roundtrip?

14. Joanne buys a rectangular rug with an area of $\frac{35}{4}$ square meters. The length of the rug is $\frac{7}{2}$ meters. What is the width of the rug in meters?

15. Thomas buys a case of bottled water. A case contains 36 bottles of water and costs $4.69. Thomas will sell each bottle of water for $0.75 at a school event. How much profit, in dollars, will Thomas earn if he sells all the bottles of water?

16. Connor is buying tickets to a concert. The concert he and his friends want to see is $4.75 per ticket. Connor has $26.00 total. What is the maximum number of tickets he can buy?

17. 30% of ___ is 60.

18. A boat takes 3 hours to reach an island 15 miles away. The boat travels at least 1 mile but no more than 6 miles during the first hour; at least 2 miles during the second hour and exactly 5 miles during the third hour. What is the range of miles the boat could have traveled during the **second** hour, given the conditions above.

19. $4 \times \frac{?}{?} < 4$

20. $4 \times \frac{?}{?} = 4$

21. $4 \times \frac{?}{?} > 4$

22. Mark buys a wooden board that is 7 ½ feet long. The cost of the wooden board is $0.50 per foot, including tax. What is the total cost in dollars of the wooden board?

23. If both square S and equilateral triangle T have a perimeter of 60 cm., how much longer in cm. is each side of T than each side of S?

24. If you are facing north and you turn 225° clockwise you are facing
    a. Southwest
    b. Southeast
    c. Northwest
    d. Northeast

25. A painting, *Cat Smile*, is prices at $1200. Its price is increased by 10%. Its new price is then decreased by 10%. What is the final price of *Cat Smile*?

Tie breakers:
1. 30% of 40 is equal to 40% of ____?
2. The cost of 3 apples and 4 oranges is $4. If 2 oranges cost half as much as 1 apple, then the cost of 2 apples is _____?
3. Mr. B Loon has 2 fancy balloons for every 7 plan ones.   If he has 621 total, how many are fancy?