1. Write 1,278 in written form.

2. Write fifty-six thousand, sixty-eight in expanded form.

3. Round 5,678,956 to the ten thousands place.

4. Round 789,764 to the tens place.

5. Write the four steps in the order of operations.

6. In binary what are the place values, that is, write the binary chart.

7. Round 234,812 to the highest place value

8. Estimate $1,234 + 5,678$. Show your work.

9. Estimate $78,686 - 549$. Show your work.

10. Write ⅔ ~~ in base ten.

11. Write 101011_2 in base ten.

12. Write 37 in binary (squiggles and squaggles or ones and zeros).

13. What is 67×156 (do not simplify)?

14. What is $56 \div 4$ (do not simplify)?

15. Compare using the greater than or less than symbol.

$268,234,976$____$3,235,976$

16. Simplify 3^4

17. Simplify 5^3

18. Simplify 123^0

19. Simplify 1^{35}

20. Simplify $7(2+3)^2 \div 5 - 2$. Show your work.

21. Simplify $2 + 8 \cdot 7$. Show your work.

22. Simplify $(2 \cdot 8) - 1 + 1$. Show your work.

23. Simplify $49^0 + 1^{49} + 0^{49} + 49^1$. Show your work.

24. Simplify $3 \cdot (4 + 2)^0 + 28$. Show your work.

25. Solve $4 + 5 \cdot 3$. Show your work.

26. It takes Mars 687 days to complete one revolution around the sun; it takes Venus only 225 days to revolve around the sun. How many days will it take Venus to revolve around the sun 3 times?

27. Find the missing numbers in this sequence: $3, \square, 27, 39, \square, \ldots$

28. Describe the pattern in words of the sequence $5, 10, 8, 16, 14, 28, \ldots$