# CALCULATOR RIDDLES
# FOR GRADES 4-6

*4506*

To the teacher:
It is hoped that these riddles will be a catylyst to your class in developing more riddles that encourage problem solving and the accurate and appropriate use of calculators by your students.  As you and your classes create more riddles you can send them to the mathematics staff at DPI and we will be happy to add them to these files and make them available to other students.  Enjoy!

Note: To find the answer to each riddle, solve the problem with a calculator. When you turn the calculator upside down, you will have the answer to the riddle.

$$8 = B, 7 = L, 6 = g, 3 = E, 5 = S, 0 = O, 1 = I \text{ and } 4 = h$$

1. What do you use to keep that wet look? Find 8 times the difference of a century and a decade increased by one fourth of 76.

2. Izeta and John have flown across the _____. John has flown the product of 3 and 714 kilometers. Izeta's journey is thirty-three cubed. Find the total km flown by John and Izeta.

3. If one fisherman uses 247 pounds of bait to catch_____, how much bait would be needed by 15 fishermen?

4. Eight hundred children screamed when they saw the green _____on stage. These children were one fourth of the group at the concert. How many children were at the concert?

5. Verna ordered 200 cases of strawberry jam for her supermarket. There were 48 jars in each case. On delivery, Verna found that one third of her order was broken. She was very upset as jam began to _____out of the boxes. How many jars were broken?

6. Anita and Jill are identical twins, except that they differ in their _____. To find out how they differ, take 2149.1815 from 6.8 times the sum of 462.81 and 326.085.

7. The sixth grade class took a trip to the local fast food burger chain for lunch. They bought 1950 hamburgers at $ 1.49 each, 1075 orders of french fries at $0.69 each, 960 milk shakes at $1.75 each, and 769 ice creams at $0.75 each. The manger said they ate like a bunch of _____. To find out what the manager said, find the total bill.

8. Sheila's social studies report had 216,701 words. Jane's social studies report had 163,207 words. Will reading the two reports _____ the teacher's mind? To find out, determine how many words the teacher read when she graded the two reports.

9. Farmer Jeanne planted 219 rows of corn, each with 16 ears. If she wanted to water her garden, she needed a very good _____.  To find out what Farmer Jeannne needed, find the total number of ears of corn planted

10. The cook could not make us breakfast because he was all out of _____.  Add 213 to the product of 68 and 85 to find out what he was missing.

11. The new musical _____ is a lot of laughs. Find the sum of 600 squared and 19,919.

12. When going out to dine, don't leave home without a _____. To find the answer, start with the square of 10. Multiply by the number of sides in an octagon and then add the voting age.