

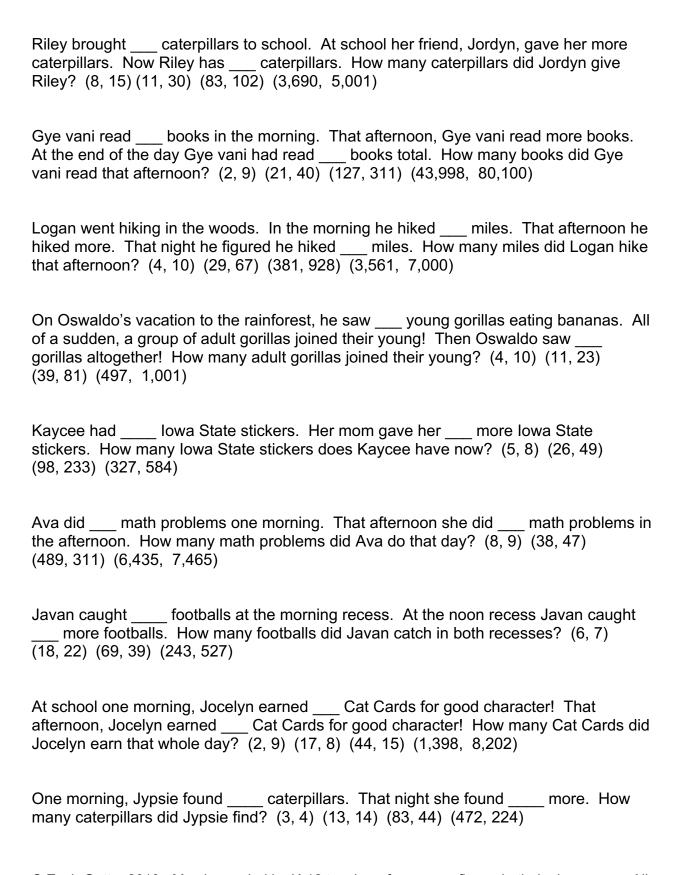
Here is a bank of problems that I have used with my second graders over the past couple years. My students know to choose their own numbers for each problem and put the first number on the first line and the second number on the second line. Sometimes I recommend numbers for particular students but they often do a good job of choosing numbers that will appropriately challenge them.

These problems are sorted by operation and problem type but I tend to present a variety of problems to my students so that my students develop a comprehensive understanding of each of the operations and the relationships between the operations.

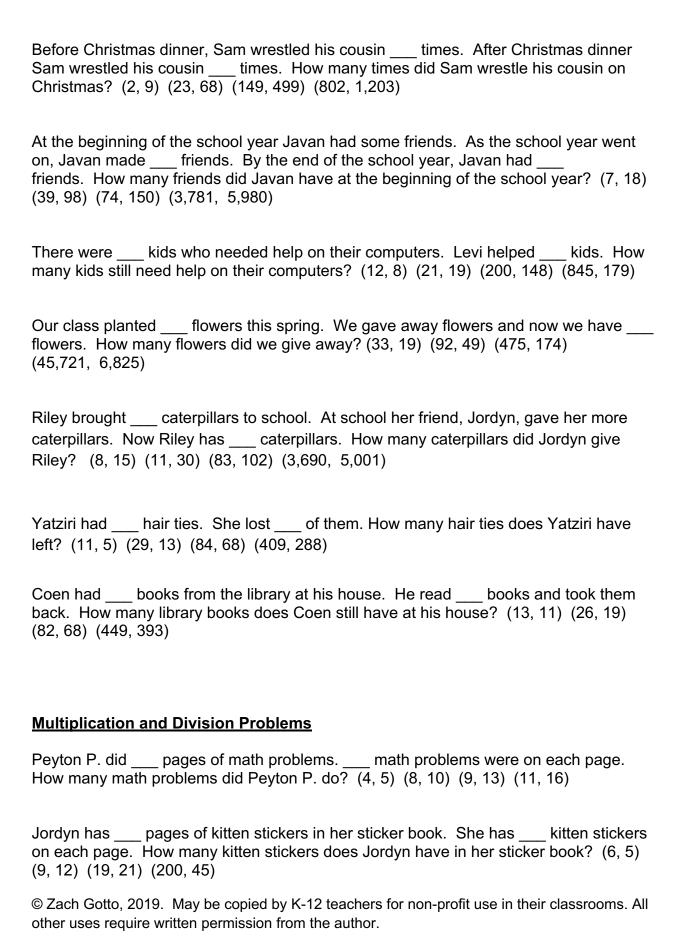
Mr. Zach Gotto Mentor Teacher Humbolt, Iowa

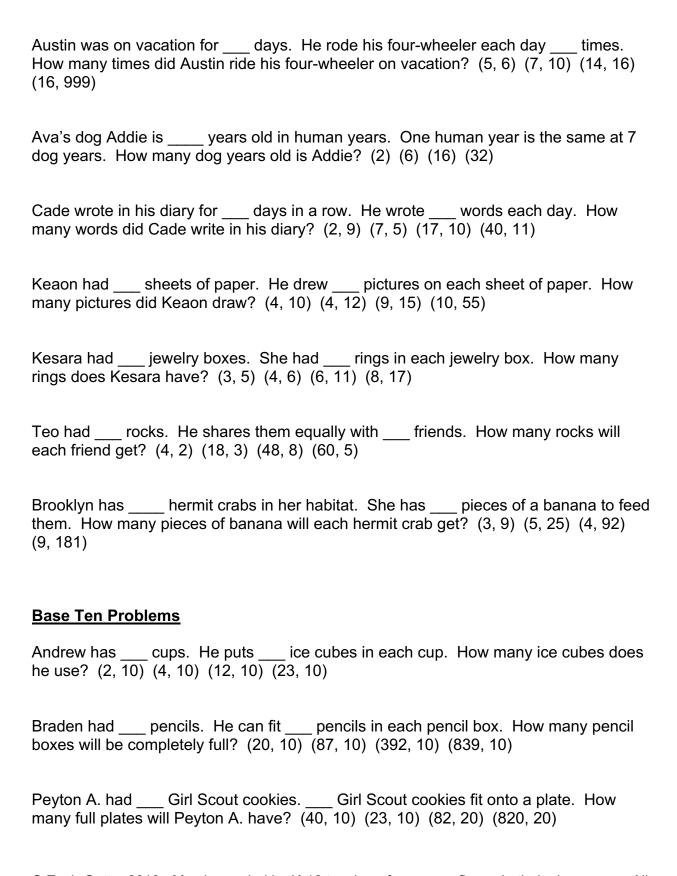
Addition and Subtraction Problems

-
Braden and Weston were looking for four leaf clovers. Braden found four leaf clovers and Weston found four leaf clovers. How many four leaf clovers did Braden and Weston find? How many leaves did they find? (18, 15) (94, 37) (797, 803) (804,526, 407,637)
Jordyn brought cans of food to our classroom for donation. Kayla brought cans of food to our room also. How many more cans of food did Jordyn bring than Kayla? (6, 4) (18, 7) (63, 59) (938, 672)
At the wrestling tournament Cash had takedowns. Tyce had takedowns. Who had more, and how many more takedowns than the other boy? (7, 10) (23, 19) (198, 404) (2,102, 4,204)
Jocelyn has Cat Cards. Brooklyn has more Cat Cards than Jocelyn. How many Cat Cards does Brooklyn have? (5, 8) (36, 45) (378, 139) (998,715, 23,598)
Kayla and her brother frosted all of the cookies that their mom made for the party. Kayla decorated cookies. Her brother decorated cookies. How many cookies will there be? (26, 30) 26, 41) (56, 38) (56, 85) (213, 49) (213, 109) (296, 450)



© Zach Gotto, 2019. May be copied by K-12 teachers for non-profit use in their classrooms. All other uses require written permission from the author.





[©] Zach Gotto, 2019. May be copied by K-12 teachers for non-profit use in their classrooms. All other uses require written permission from the author.

Teo has pencils pencils fit into each box. How many boxes of pencils can Teo fill? And how many extra pencils will he have that won't fill a box? (23, 10) (94, 10) (396, 10) (34,925, 10)
Fraction Problems
Ethan brought key lime pies to school. Ethan has buddies. How much pie will each buddy get if Ethan shares the pies equally? How much pie will 2 buddies get? (2, 4) (3, 4) (4, 3) (6, 5)
Trent has fields and it takes of a bag of corn seed to plant one field. How many bags of corn seed will need to plant all of his fields? $(6, \frac{1}{2})$ $(16, \frac{3}{4})$ $(88, 1 \frac{1}{4})$ $(599, 2 \frac{2}{3})$
Austin brought a pan of Rice Krispy treats to share equally with his friends on the bus. There are children and Austin has Rice Krispy treats. How many Rice Krispy treats will each child get equally? (4, 13) (12, 8) (6, 20) (3, 6 ½)
Teo had friends over and ordered pizzas. He wants each friend to get the same amount of pizza. How much pizza does each friend get? (3, 10) (5, 16) (8, 90) (18, 11)
Riley brought brownies to school. She wants to share them equally with children. How many brownies will each child get? How many brownies will 2 of the children get? (21, 4) (63, 6) (166, 5) (416, 6)
Tyce wants to give his friends bananas for a snack. There are children and Tyce wants to give them each of a banana. How many bananas does Tyce need? $(6, \frac{1}{2})$ $(6, \frac{3}{4})$ $(11, 22/3)$

[©] Zach Gotto, 2019. May be copied by K-12 teachers for non-profit use in their classrooms. All other uses require written permission from the author.