**Problem Solving Study Guide**: Please be able to solve problems like these.

You will be tested and graded twice for each problem; once for understanding the process and once for computational skills. Please ask a parent to create similar problems as the ones included here.

1. Tickets to a baseball game are $10 for an adult and $5 for a student. A school buys tickets for 25 adults and 300 students. How much money will the school spend in all for the tickets?

2. Ava usually spends $17 when she goes to the grocery store. On this trip she buys 2 boxes of cereal at $3.99 each and 3 bags of chips for $2.69 each. She pays with a twenty dollar bill. What is her change?

3. Brayden went to a soccer game on Saturday and spent $1.99 on a hot dog, $1.25 for a soda and $0.85 on a bag of chips. How much money did he start with if he has $11.35 left?

4. Tyler has saved $10. He will walk the neighbor’s dog for 4 weeks and will earn $7 each week. He will also wash his mom’s car for $6. GameStop has a video game he really wants for $45. Will he have enough to buy the game at the end of the 4 weeks? How much will he have left over or will he still need more?

5. Mrs. Miller bought 12 realistic fiction books and 9 poetry books. She also purchased 15 sports magazines. Books cost $6 each and magazines cost $3 each. How much did she spend in all?

6. River Springs Elementary has 88 third grade students. There are twice as many students in fourth grade. Fifth grade has 61 boys and 58 girls. How many students are in 3rd, 4th, and 5th grade altogether?

7. Jill earned $25 each month in June, July and August. She earned $35 in September and also in October. She needs $225 to attend an art camp. How much more does she need?

8. An elementary school went on a field trip to the zoo. Students cost $4.75 each, chaperones cost $6 each, and teachers are free. Buses cost $2.25 per student and chaperone. 72 students, 13 chaperones and 6 teachers attended the trip. What was the total cost of the field trip?

9. Carson bought a bag of 20 candy bars, a bag of lollipops with three times as many as the candy bars, and a bag of hard candy with 34 pieces. Carson wants to divide the candy among himself and his four friends. How many pieces will each person get? How many are left over?

10. A bookstore just opened. The table shows the number of books sold for the first five weeks. Their goal was to sell 2,100 books. **Estimate** to determine if they met their goal. By how much or how little did they meet their goal?

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| --- | --- | --- | --- | --- |
| Week 1 | Week 2 | Week 3 | Week 4 | Week 5 |
| 198 | 311 | 264 | 709 | 273 |

11. Joe walks his dog every day. He walks 2 blocks to the park and 2 blocks to the library. He walks twice as far to the store. Je walks his dog 3 times a day to the park, library, store and back home. How many blocks does he walk his dog?

12. Nina bought items that cost $2.69, $4.09, $5.59 and $3.99. She used coupons worth $1.50 on her total purchase. She came to the grocery store with $50. With how much did she leave?