

Dear Parents/Guardians,

This week there will be a unit test. Please use the following as a study guide to help your child study for this test. If you have any questions, please do not hesitate to contact me.

~ Mrs. Atmaca

Topic 1: Adding & Subtracting Large Numbers

Word problems involving addition and subtraction.

Example:

Online shopping has become very popular. On Saturday 412,910 people shopped on Amazon.com website. On Sunday, 318,274 people shopped on Amazon.com website.

- a) How many people shopped on *both days*?
- b) *How many more* people shopped on Saturday than on Sunday?

Topic 2: Multiplying & Dividing Numbers

Word problems involving multiplication and division.

Example:

- a) PS/IS 49 students are collecting coins for a fundraiser. Fourth grade classes collected 6 bags of coins. *Each bag* has 4,102 coins in it. How many coins did the fourth grade classes collect altogether?
- b) Jane's bakery baked 3,000 muffins on the weekend. They *packed* the muffins *into boxes of 8*. How many boxes of muffins did the bakery make?

Topic 3: Interpreting Remainders in word problems

Not all division problems divide evenly. When ending with a remainder, students should be able to decide what to do with it. In class, we have discussed four different options:

- Adding one more the answer (rounding up)
- Ignoring the remainder (rounding down)
- Splitting remainder into fractions/decimals
- Remainder is the answer

Topic: 4: Multi-step word problems

Word problems usually involving two- or more operations.

Example:

- a) The PS/IS 49 PTA bought 15 cases of water. Each case comes with 24 bottles of water. They gave out 155 water bottles to the students during field day. How many water bottles does the PTA have left?
- b) Mrs. Atmaca bought 12 sheets of 3-D stickers. Each sheet comes has 48 stickers. She also bought 4 sheets of glow-in-the-dark stickers. Each sheet comes with 1,250 stickers. How many stickers does she have altogether?