



PARKSIDE CHRISTIAN ACADEMY

215 Forest Hills Street, Boston, MA 02130

617-522-1841



Weekly Sheet for MS1 Mathematics

Mr. Charlton

Week # _4_ Dates: Sept 19, 2011 – Sept 23, 2011

Topics/Content/Skills:

Topic: Approximation of groups of numbers (rounding up/down), addition/subtraction of fractions, mental mathematics exercises.

Content:

During this week students discover the concept of number approximation, and the addition/subtraction of decimals. While the students are learning these concepts, they will also be performing mental mathematics exercises, to give them practice-solving mathematics in their minds.

Skills: Students will be able to understand and use

- Approximation to add or subtraction large numbers quickly
- Understand what are fractions, as well as the conversions from mixed number to improper fraction and then back again
- Special ones to change the appearances of numbers to add/subtract unlike fractions

Vocabulary/Key Terms/Formulas:

Vocabulary:

- Mixed number: A number that consists of an integer followed by a proper fraction.
- improper fraction: An improper fraction is a fraction that has a numerator larger than or equal to its denominator

Key Terms: Not this week.

Formula: NA

Homework:

	<u>Lesson</u>	<u>Homework</u>
<u>Monday</u>	Learning to approximate large or very small numbers using addition, subtraction or multiplication	Students will: <ul style="list-style-type: none">• Complete handout
<u>Tuesday</u>	Review of APPROXIMATION SKILLS	Students will: <ul style="list-style-type: none">• Complete assignment in workbook p.23
<u>Wednesday</u>	Begin the Lesson of "What is a special one?" Quiz: will include approximation and multiplying/division of large and small decimals	Students will: <ul style="list-style-type: none">• No homework
<u>Thursday</u>	<ol style="list-style-type: none">1. What is an improper number, and how do I convert it to a mixed number?2. Review of the squares of the numbers 1-203. Review of the square roots of the number 1-400	Students will: <ul style="list-style-type: none">• Complete handout given in class
<u>Friday</u>	Mental exercises.	Students will: <ul style="list-style-type: none">• Complete handout in class

Tests:

NA

Special Events/News:

NA

Extra-ordinaries/Mastery Review Material:

1. Find the missing quantity in each of the following:
 - (a) What is 10% of 672.3 kg?
 - (b) 42 are what percent of 132.3 g?
 - (c) 18.7 g is .5% of what amount?
2. In 80.042 g (1 mole) of ammonium nitrate, there are 28.014 g of nitrogen, 47.997 g of oxygen and the rest is hydrogen.
 - (a) What percent of ammonium nitrate is nitrogen?
 - (b) What percent of ammonium nitrate is oxygen?
 - (c) What percent of ammonium nitrate is hydrogen?