



PARKSIDE CHRISTIAN ACADEMY

215 Forest Hills Street, Boston, MA 02130

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Weekly Sheet for MS1 Mathematics

Mr. Charlton

Week # 6 Dates: October 3, 2011 – October 7, 2011

Topics/Content/Skills:

Topic: Approximation of groups of numbers (rounding up/down), addition/subtraction of fractions using lowest common multiple, conversion between improper fractions and mixed numbers, and mental mathematics exercises.

Content: Students will discover the wonders of fractions and mixed numbers. They will learn how useful mixed numbers are to making changes to recipes, map making, and counting money. As always, students will continue practice mental mathematics exercises, to give them practice solving mathematics in their minds.

Skills: Students will be able to understand and use

- 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>	<ul style="list-style-type: none">Review of the answers for the homework assignment.	Students will: <ul style="list-style-type: none">Complete exercise 14 in Workbook, p. 40-41. All
<u>Tuesday</u>	<ul style="list-style-type: none">Converting improper fraction to mixed numbersWriting shapes as improper fractions	Students will: <ul style="list-style-type: none">Complete exercise 15 in Workbook, p.42-43. All.
<u>Wednesday</u>	<ul style="list-style-type: none">Converting mixed numbers to fractions.Simplifying fractions using common denominators.	Students will: <ul style="list-style-type: none">Have to complete the fractions sheet given out in class.
<u>Thursday</u>	<ul style="list-style-type: none">Converting mixed numbers to fractions.Simplifying fractions using common denominators.	Students will: <ul style="list-style-type: none">Complete handout given in class
<u>Friday</u>	<ul style="list-style-type: none">School field trip	Students will: <ul style="list-style-type: none">Complete handout given class

Tests:

NA

Special Events/News:

Topsfield Fair Trip – October 7, 2011

Extra-ordinaries/Mastery Review Material:

- Find the missing quantity in each of the following:
 - What is 10% of 672.3 kg?
 - 42 are what percent of 132.3 g?
 - 18.7 g is .5% of what amount?
- 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.
 - What percent of ammonium nitrate is nitrogen?
 - What percent of ammonium nitrate is oxygen?
 - What percent of ammonium nitrate is hydrogen?