



PARKSIDE CHRISTIAN ACADEMY

215 Forest Hills Street, Boston, MA 02130

617-522-1841



Weekly Sheet for MS1 Mathematics

Mr. Charlton

Week # _7_ Dates: October 10, 2011 – October 14, 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 “Powers of base ten”, exponents and percents

Skills: Students will be able to understand and use

- The concept of base ten.
- Exponents
- Percents

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
- **Exponent:** is shorthand for repeated multiplication of the same thing by itself.

Key Terms: Not this week.

Formula: NA

Homework:

	<u>Lesson</u>	<u>Homework</u>
<u>Monday</u>	<ul style="list-style-type: none">• No School – Columbus Day	<ul style="list-style-type: none">• No School – Columbus Day
<u>Tuesday</u>	Lesson: <ul style="list-style-type: none">• Rules of divisibility	Students will: <ul style="list-style-type: none">• Complete handout given in class.
<u>Wednesday</u>	<ul style="list-style-type: none">• Multiplying using powers of ten	Students will: <ul style="list-style-type: none">• No homework
<u>Thursday</u>	<ul style="list-style-type: none">• Multiplying using powers of ten	Students will: <ul style="list-style-type: none">• Complete take home assignment
<u>Friday</u>	<ul style="list-style-type: none">• Using exponents in word problems.	Students will: <ul style="list-style-type: none">• Workbook. P.39

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?